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ICONOGRAPHIC ENCYCLOPÆDIA

OF
SCIENCE, LITERATURE, AND ART.

BY
J. G. HECK.

THE TEXT TRANSLATED AND EDITED

BY
SPENCER F. BAIRD, A.M., M.D.,
PROFESSOR OF NATURAL SCIENCES IN DICKINSON COLLEGE, CARLISLE, PA.

PLATES.

VOL. I.

CONTAINING THE ILLUSTRATIONS TO DIVISIONS I.—IV.

I.—MATHEMATICS AND ASTRONOMY.

III.—GEOGRAPHY.

II.—NATURAL SCIENCES.

IV.—HISTORY AND ETHNOLOGY.

NEW YORK: 1851.
PUBLISHED BY RUDOLPH GARRIGUE,
2 BARCLAY STREET (ASTOR HOUSE).

ICONOGRAPHIC ENCYCLOPÆDIA.

DIVISION I.

MATHEMATICS AND ASTRONOMY.

FOURTEEN PLATES.

[THE LIST OF THE FIGURES ON THE PLATES WILL BE FOUND IN THE TABLES OF CONTENTS OF THE TEXT.]

THE PLATES ARE NUMBERED I. 1—15.

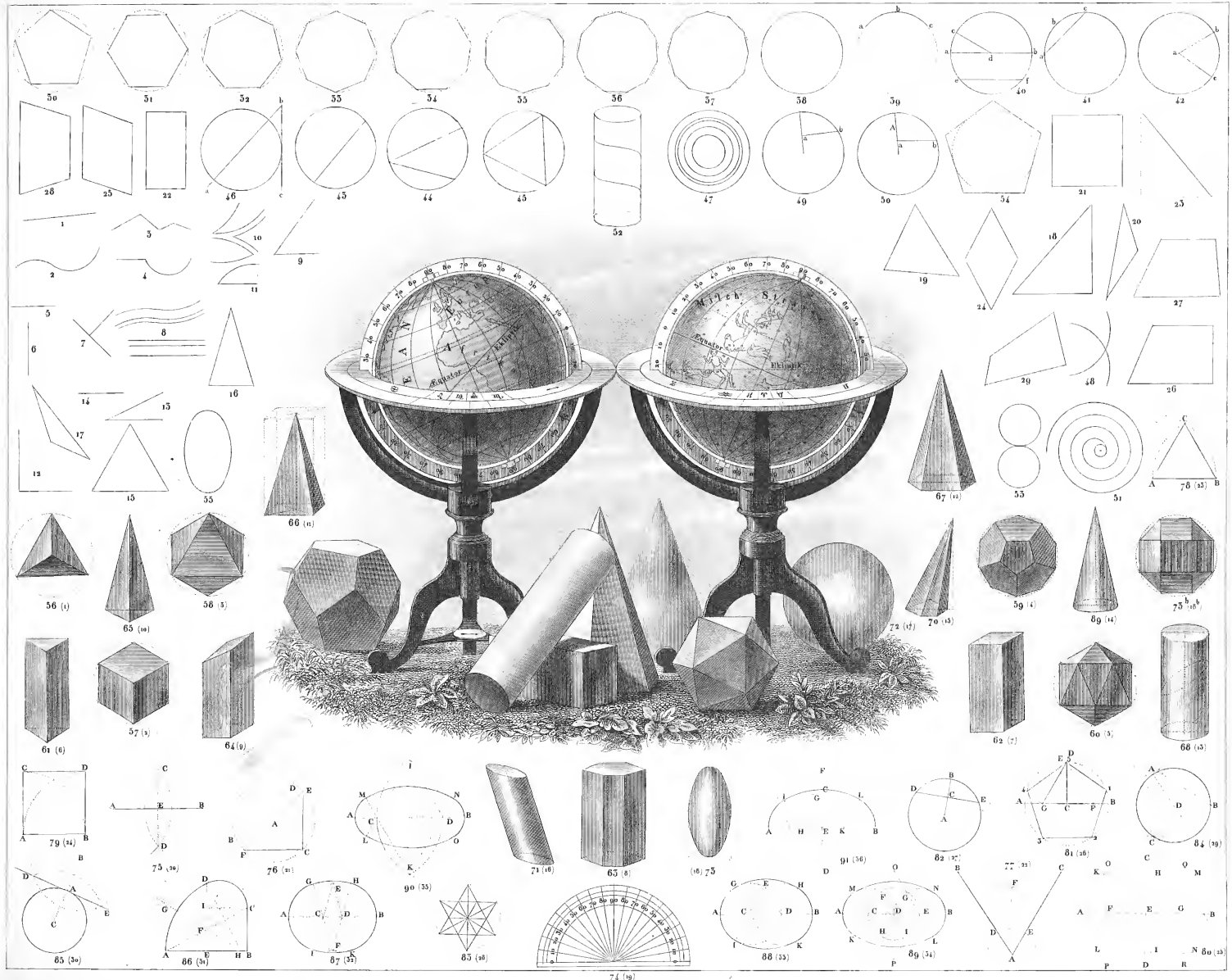
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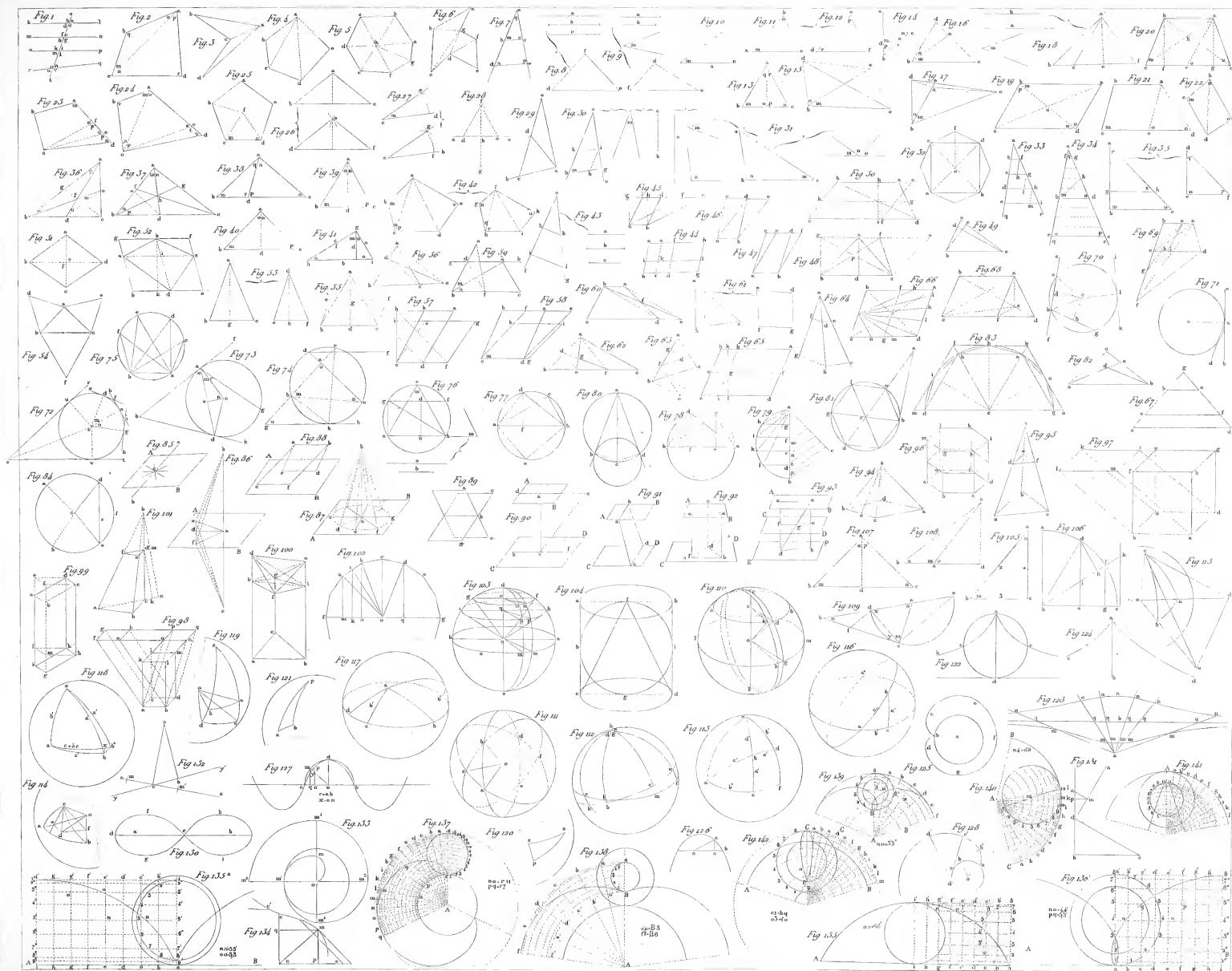
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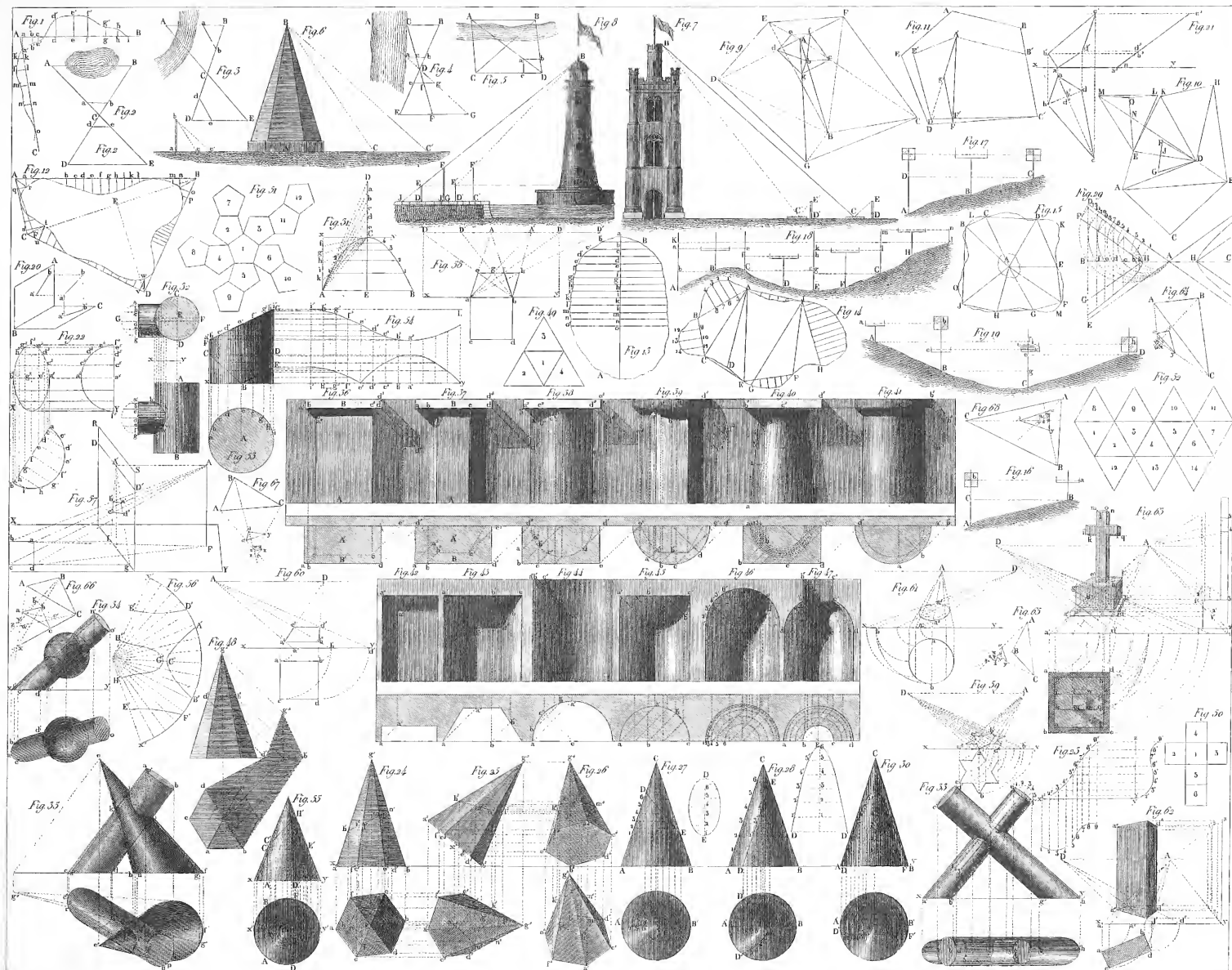
2 BARCLAY STREET (ASTOR HOUSE).

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v. 1

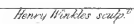
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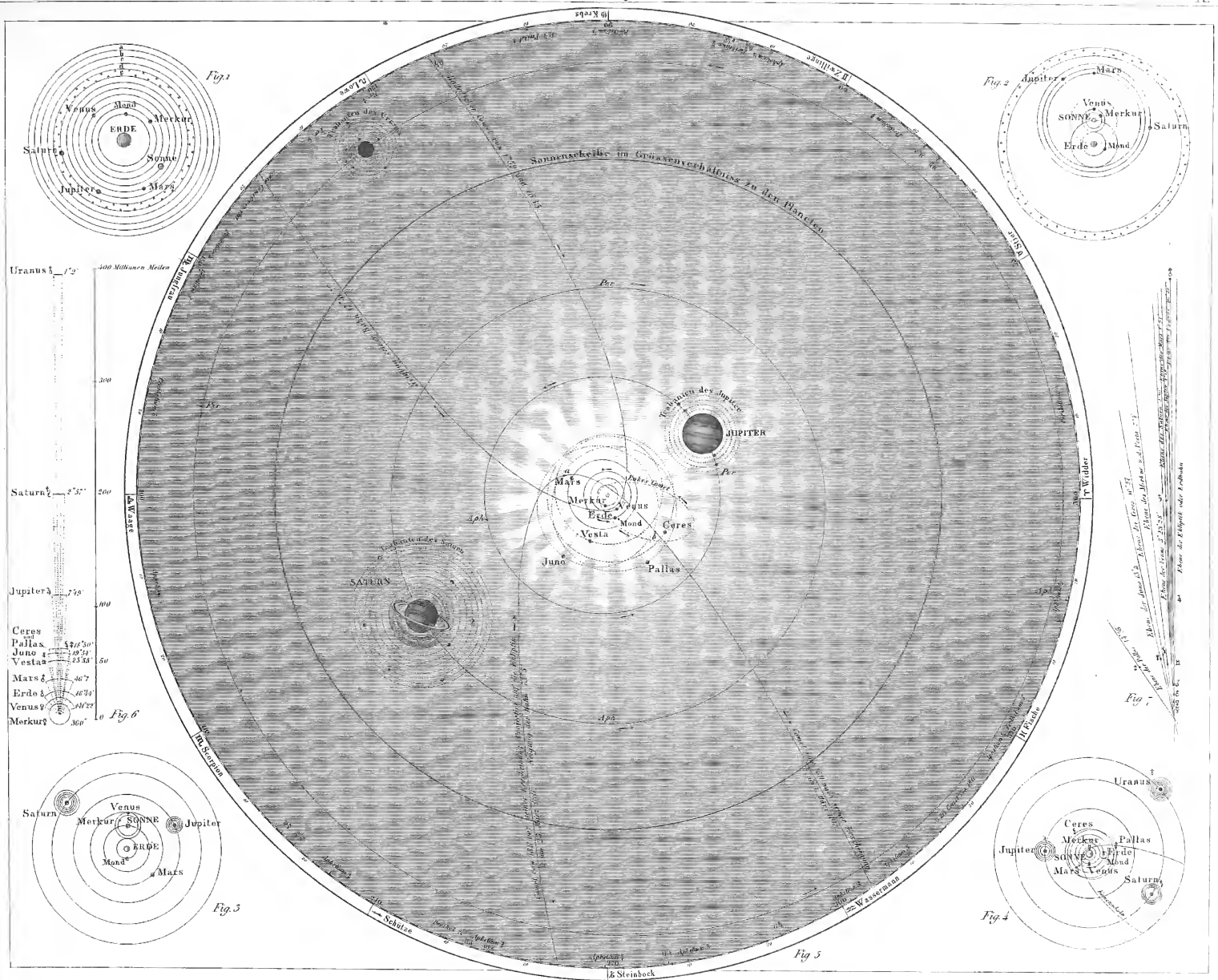


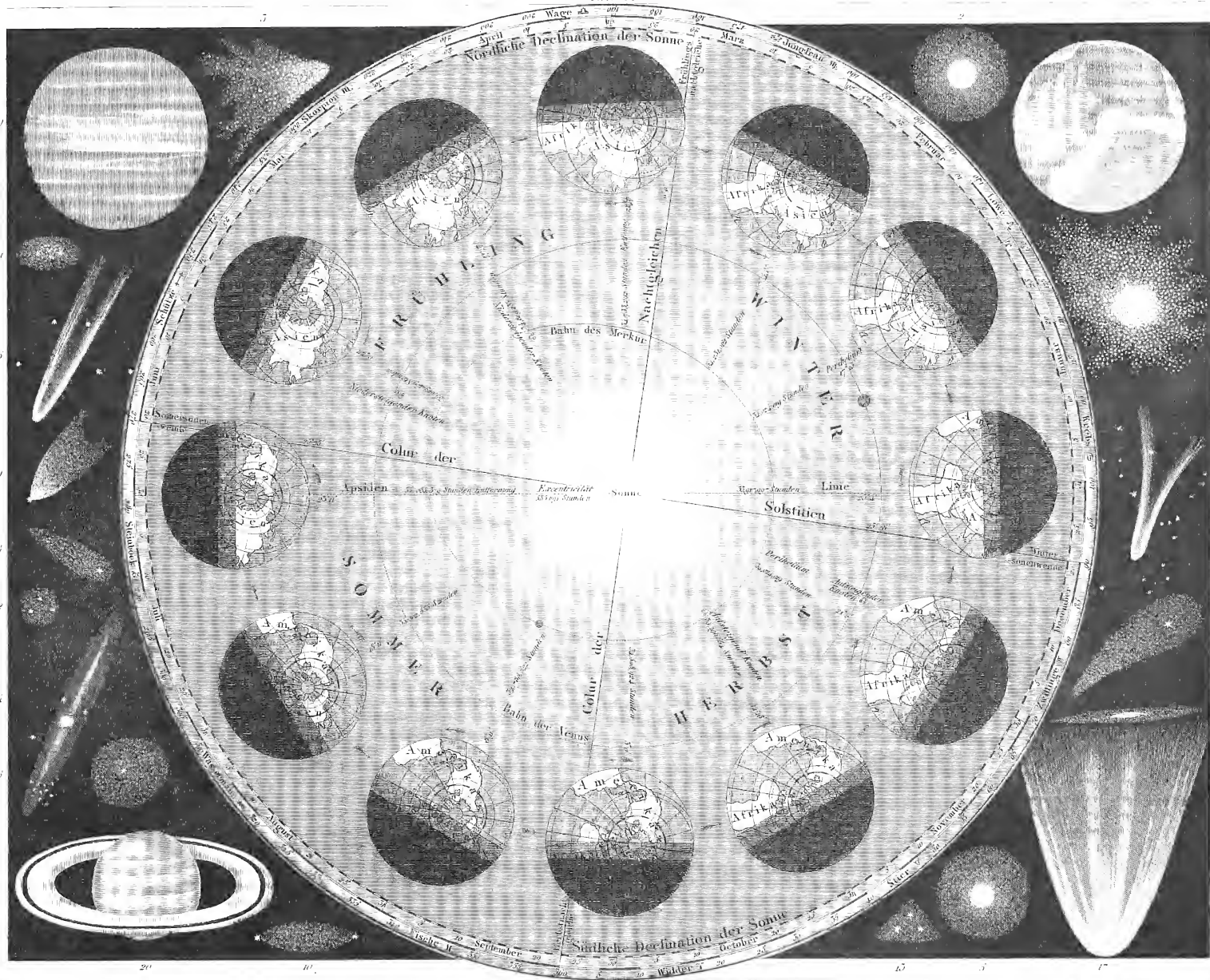


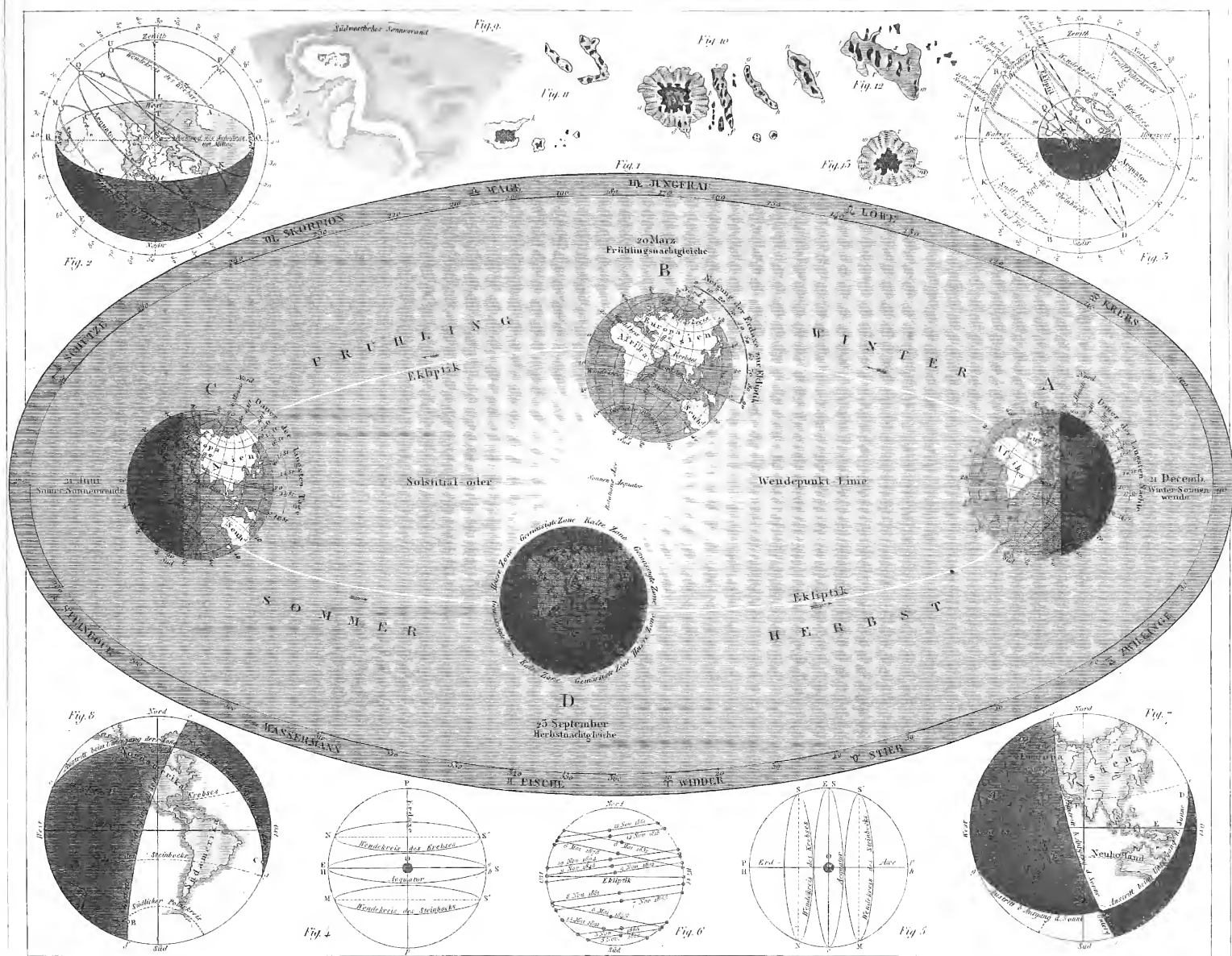


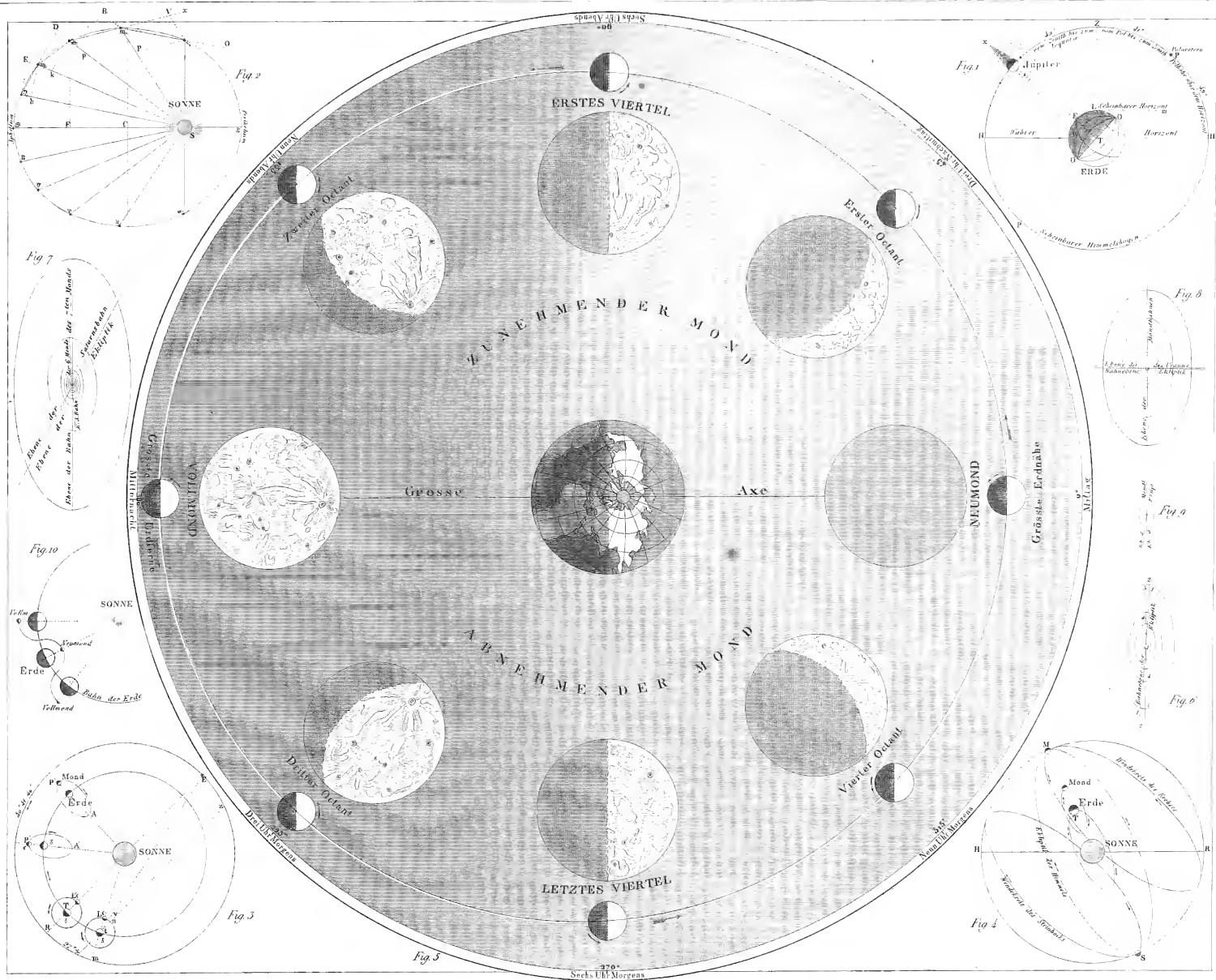


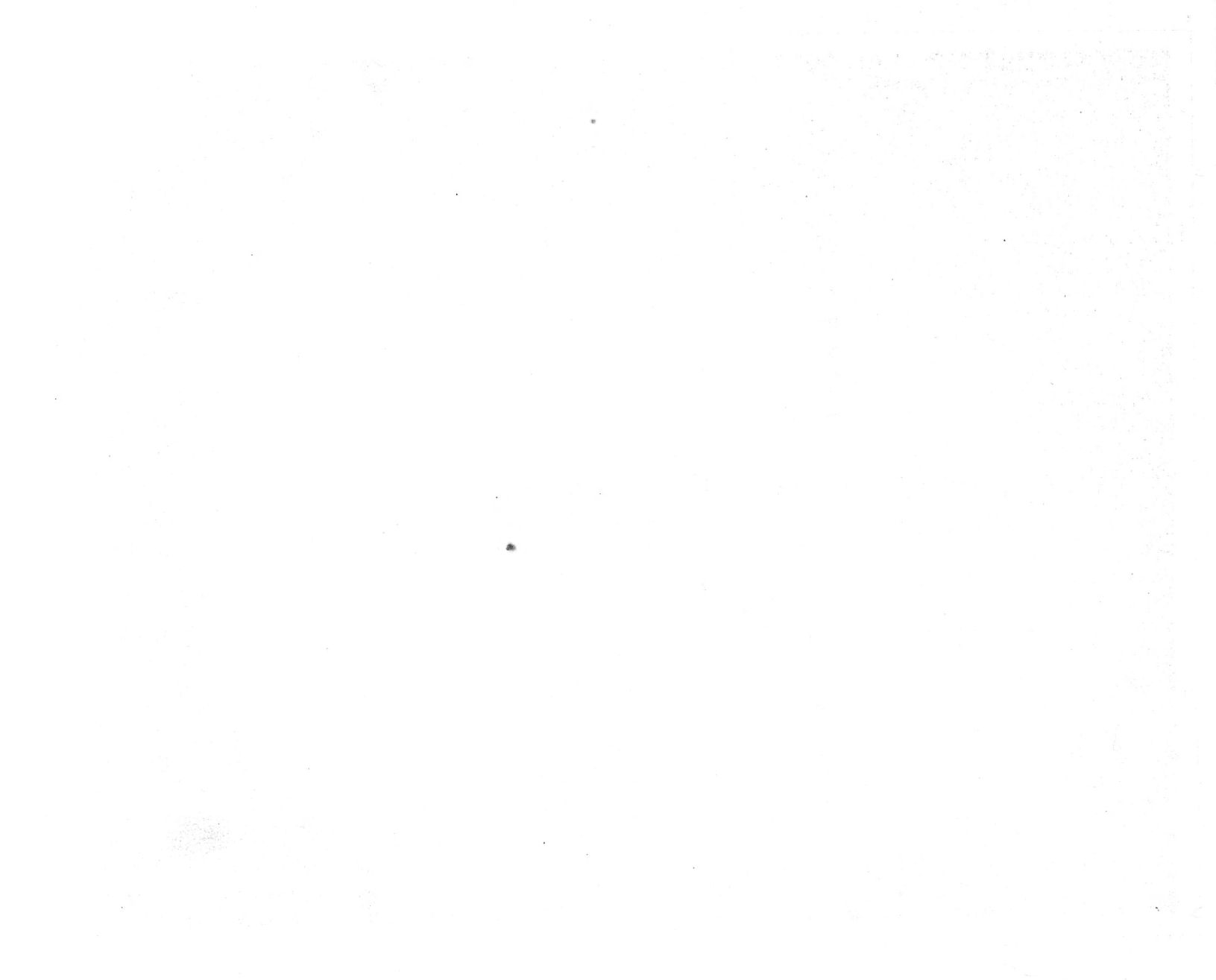




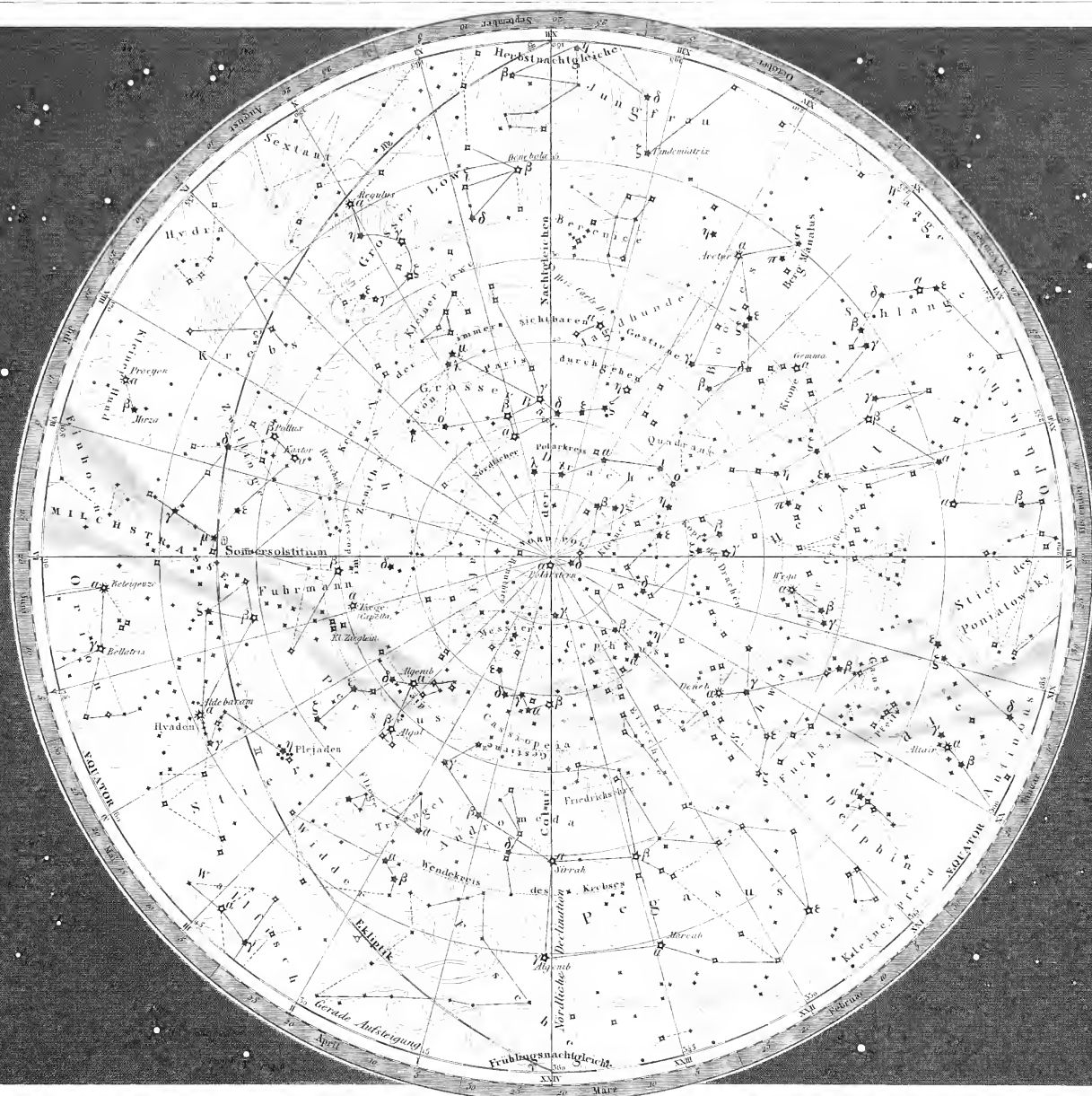


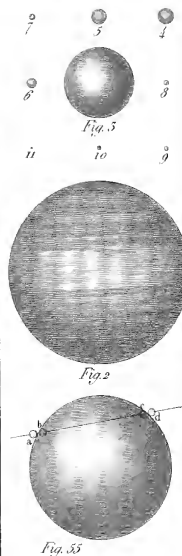
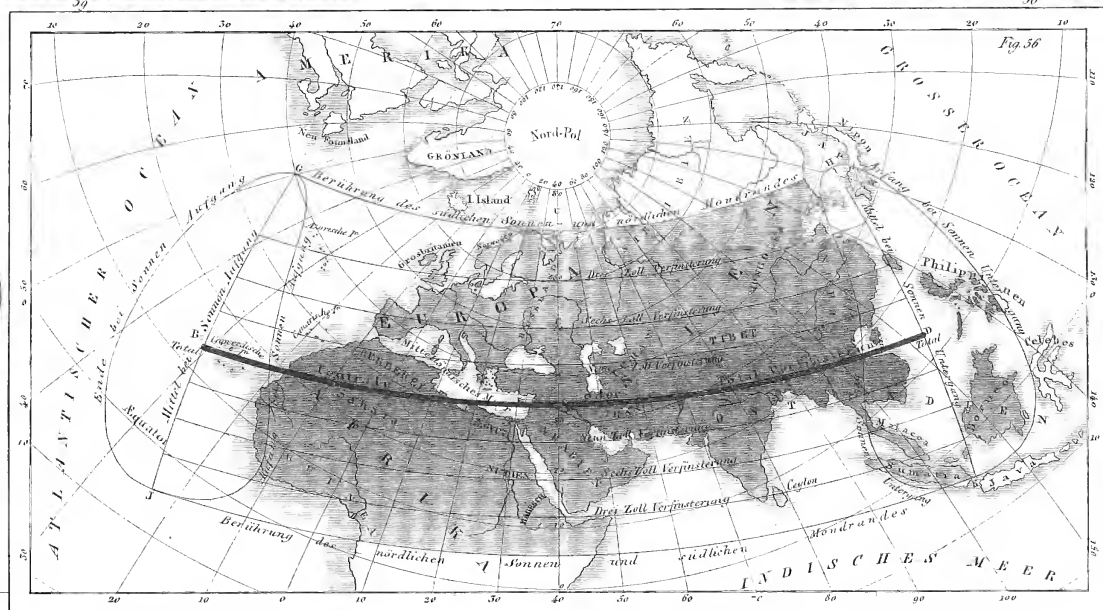
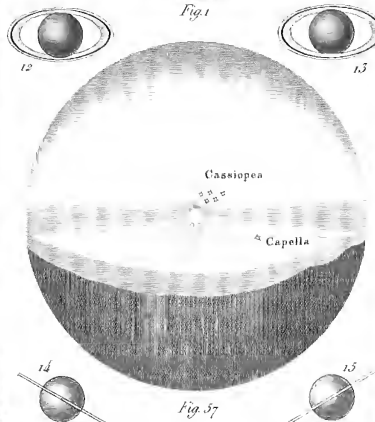
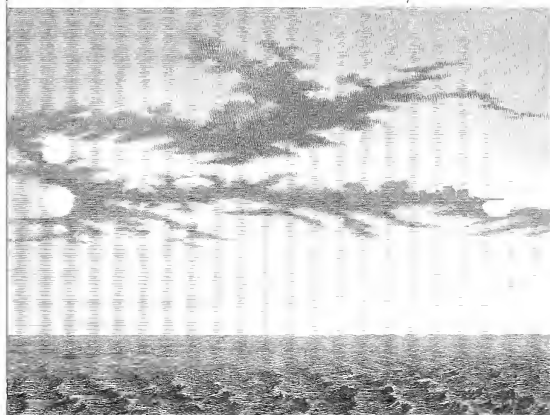
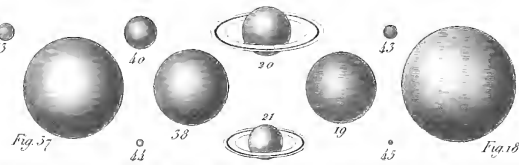
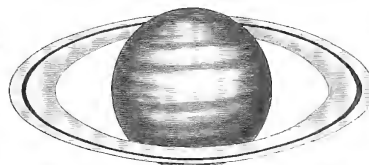
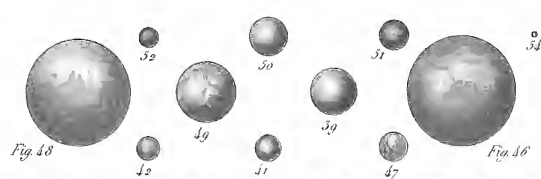


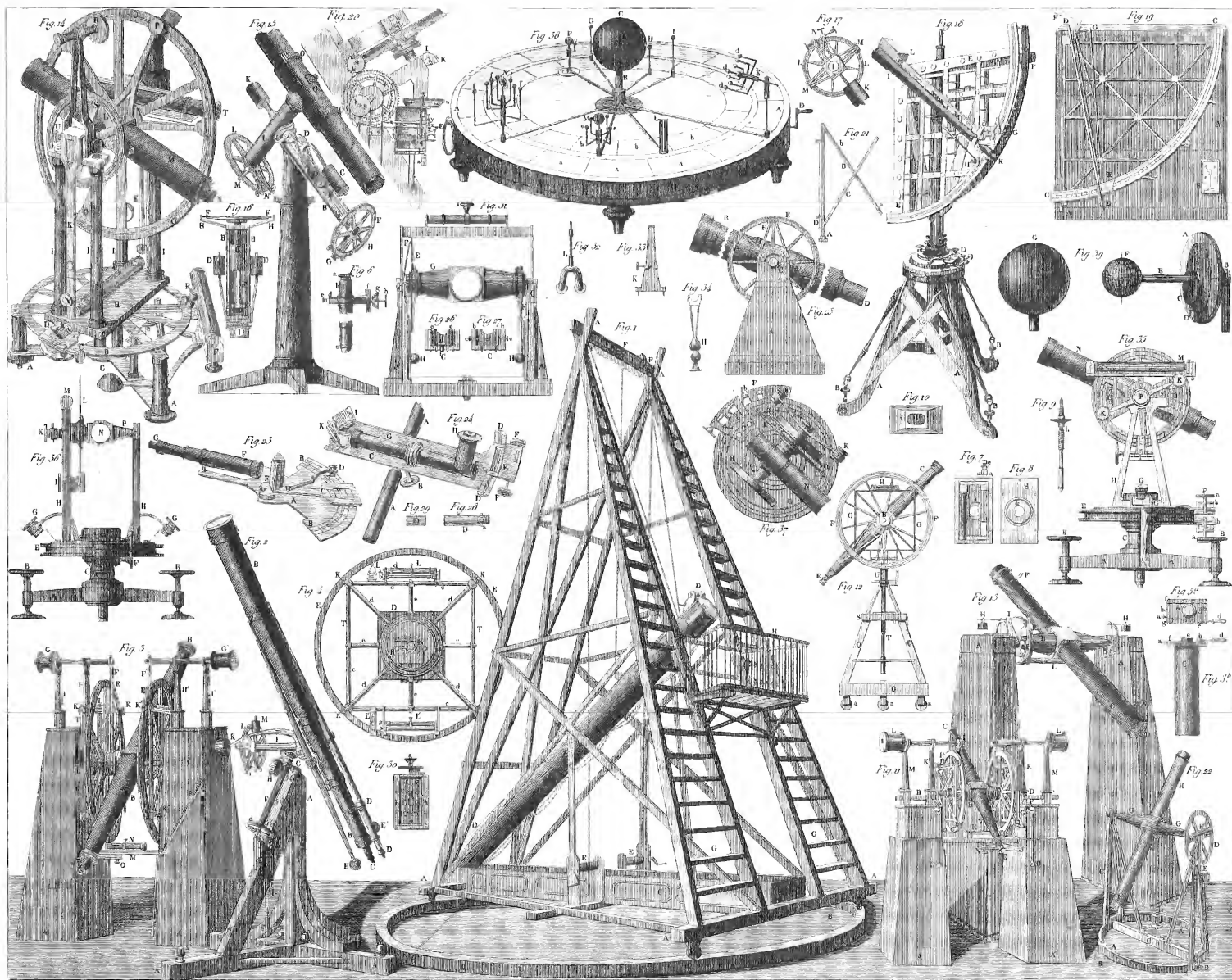












ICONOGRAPHIC ENCYCLOPÆDIA.

DIVISION II.

NATURAL SCIENCES,

COMPRISING

PHYSICS AND METEOROLOGY, CHEMISTRY, GEOGNOSEY AND GEOLOGY, BOTANY,
ZOOLOGY, AND ANTHROPOLOGY.

ONE HUNDRED AND TWENTY-FOUR PLATES.

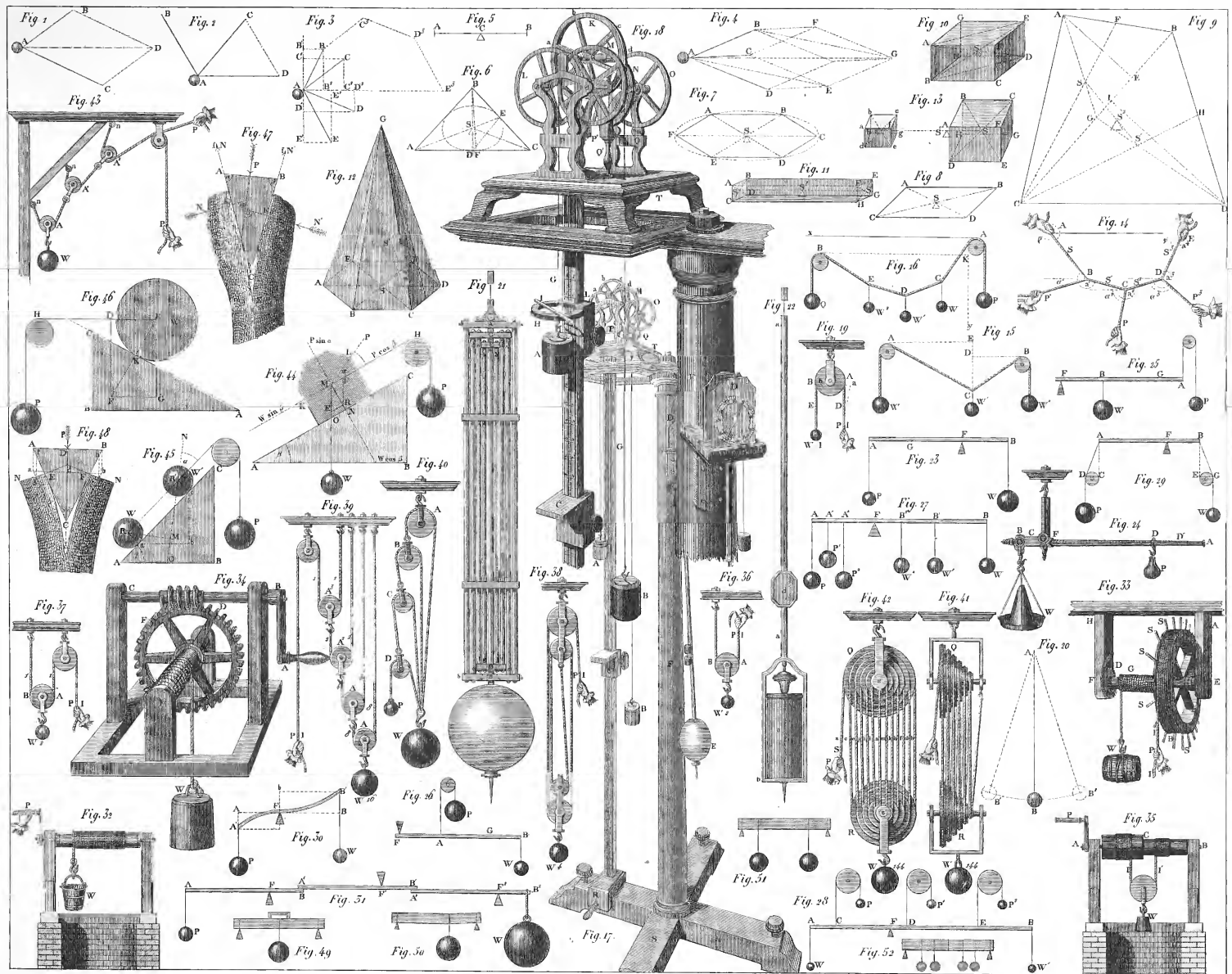
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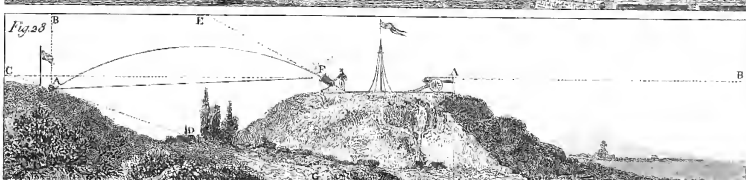
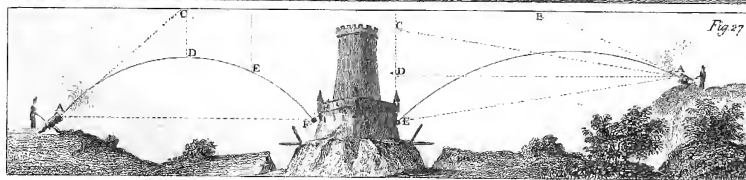
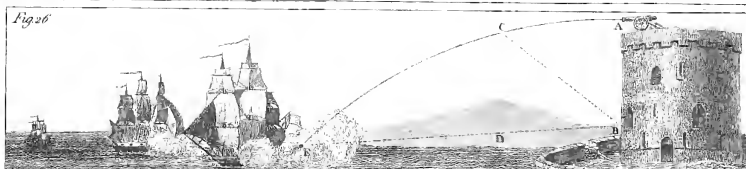
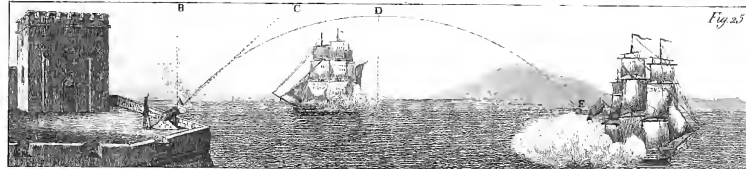
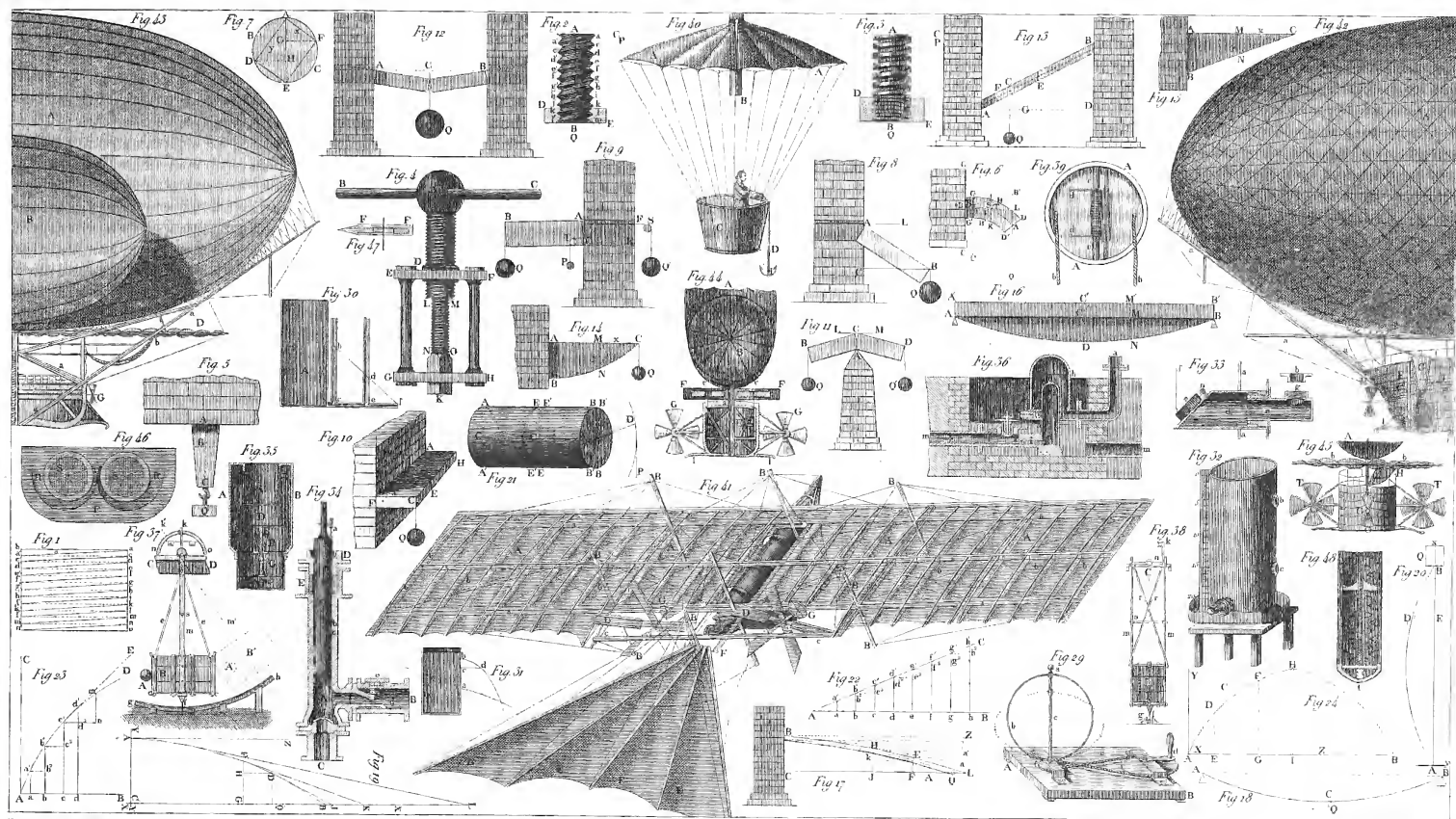
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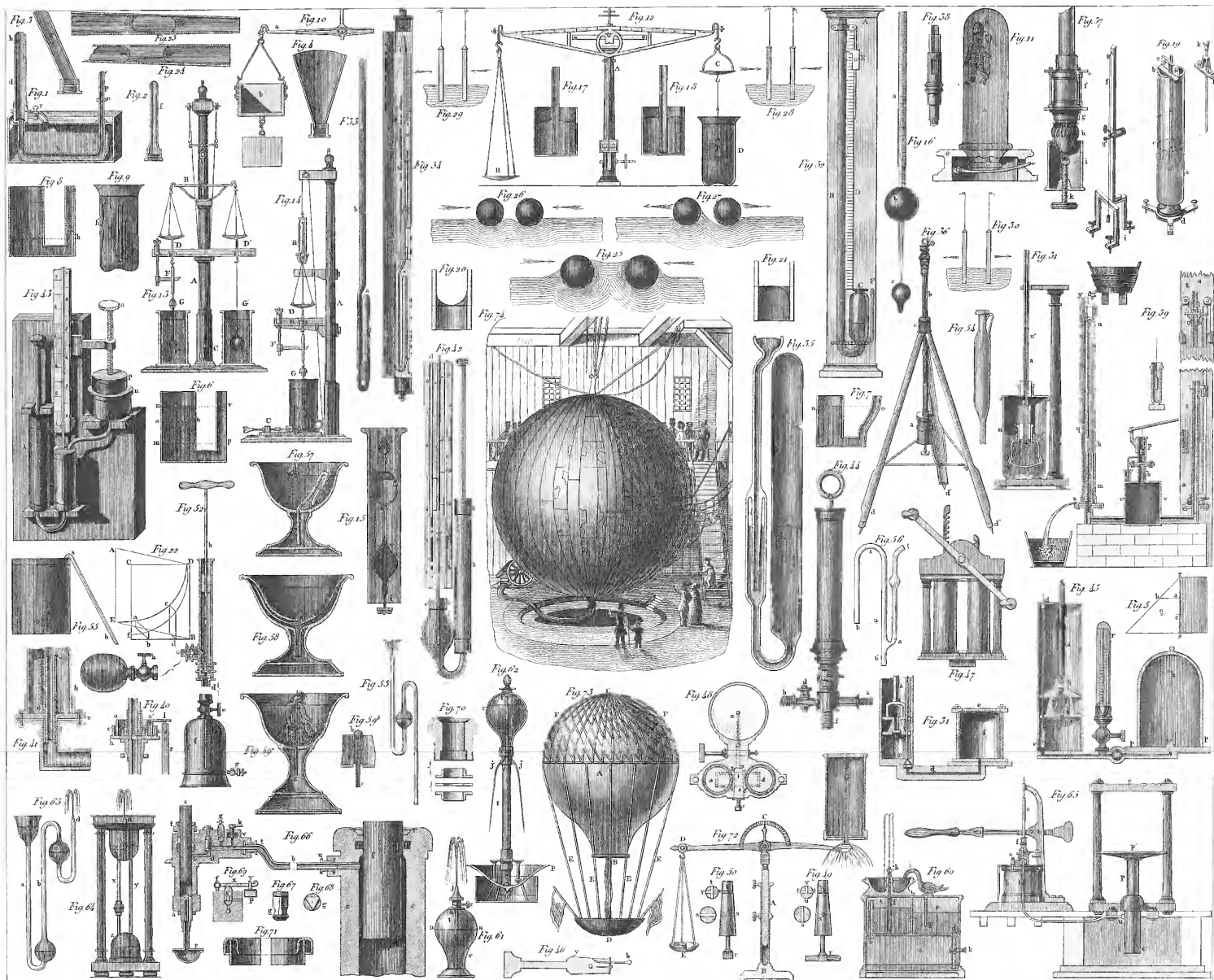
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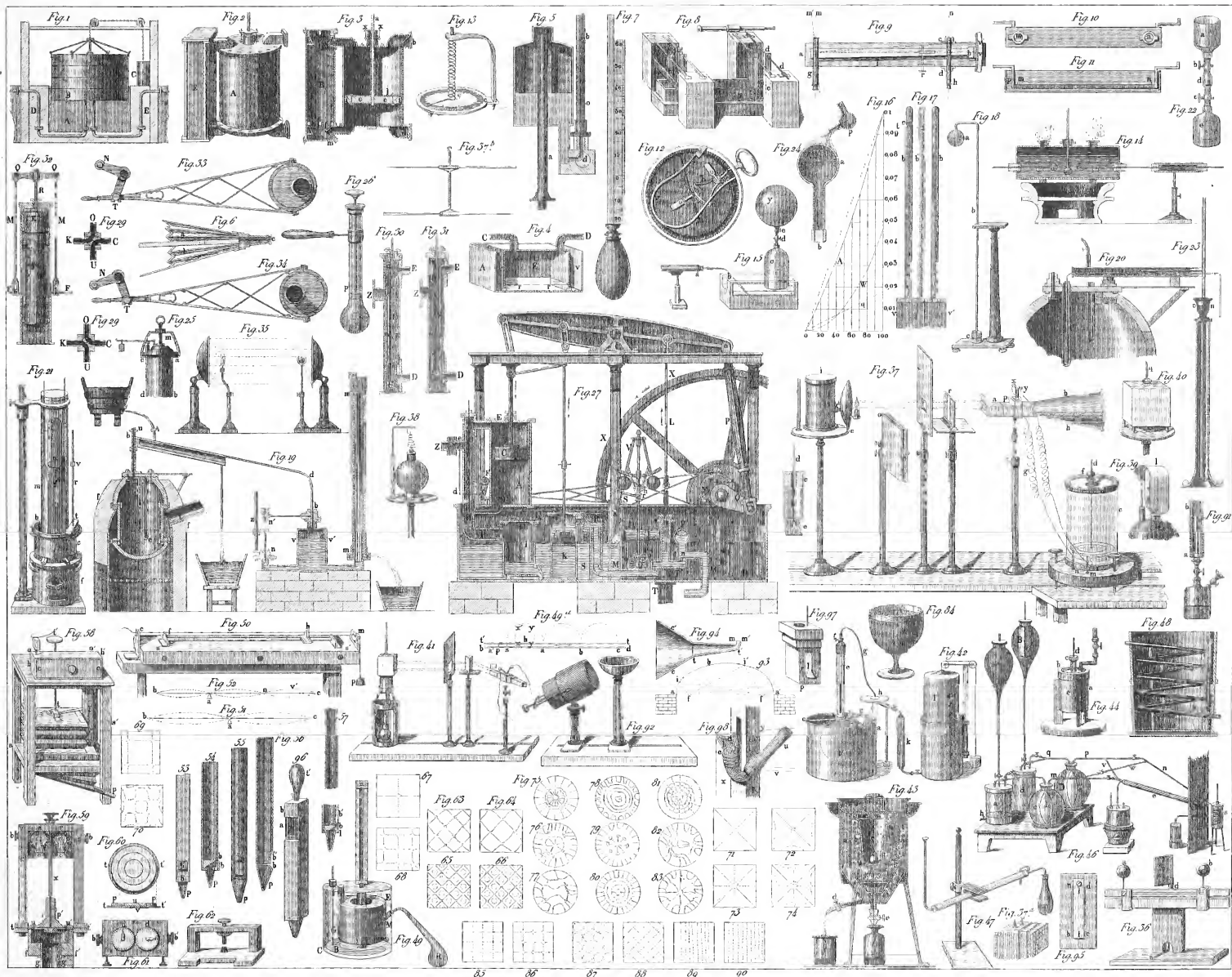
PUBLISHED BY RUDOLPH GARRIGUE,

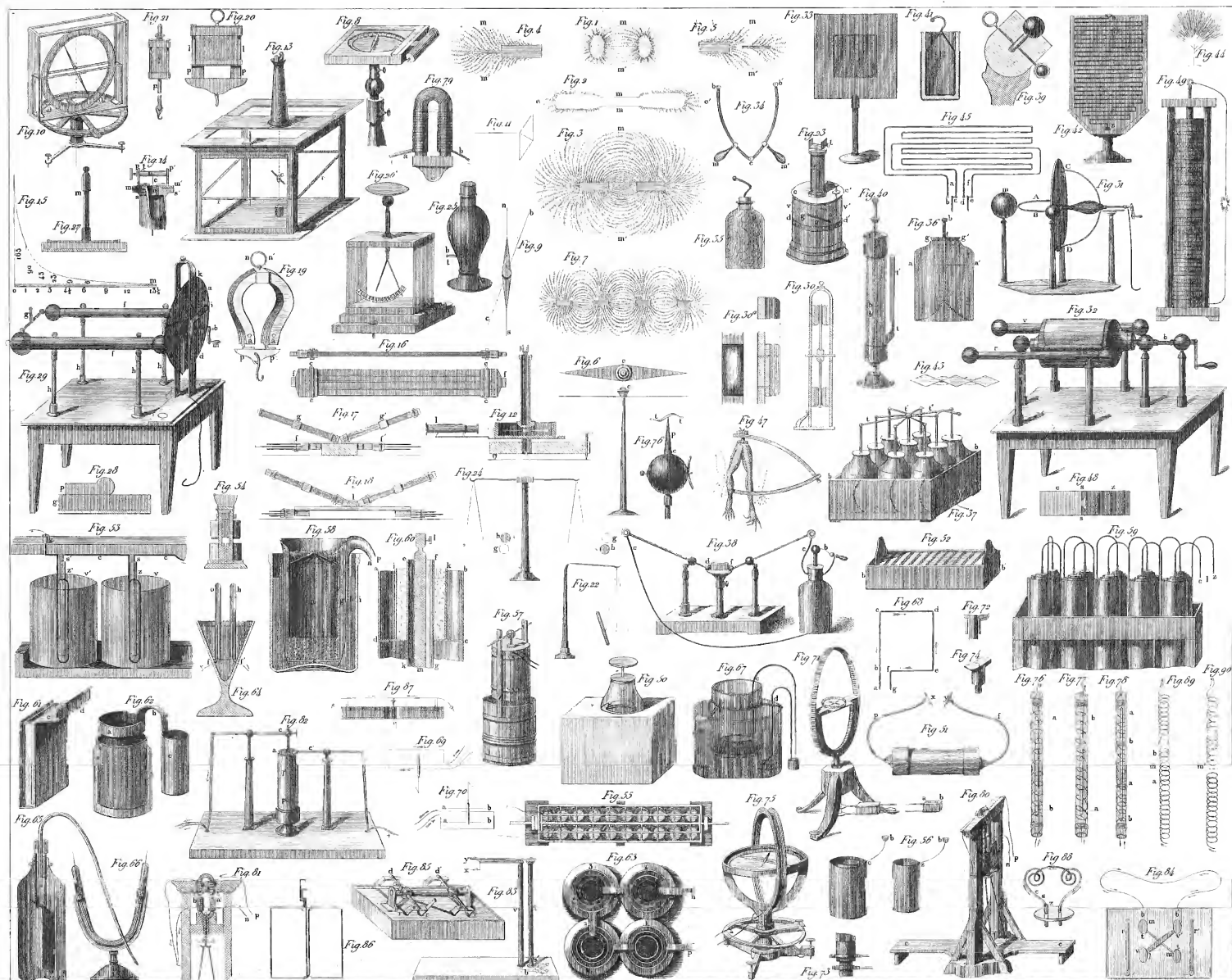
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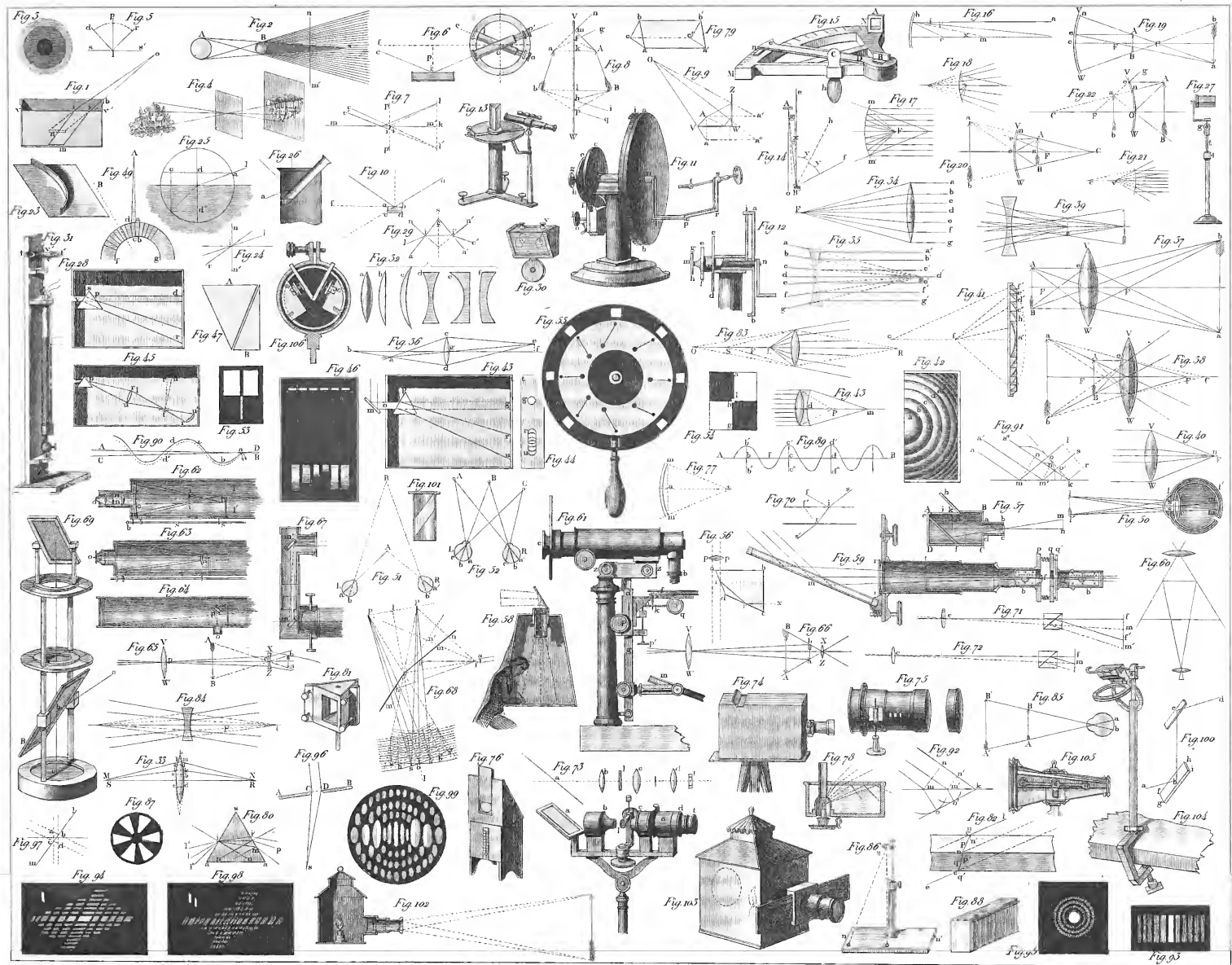


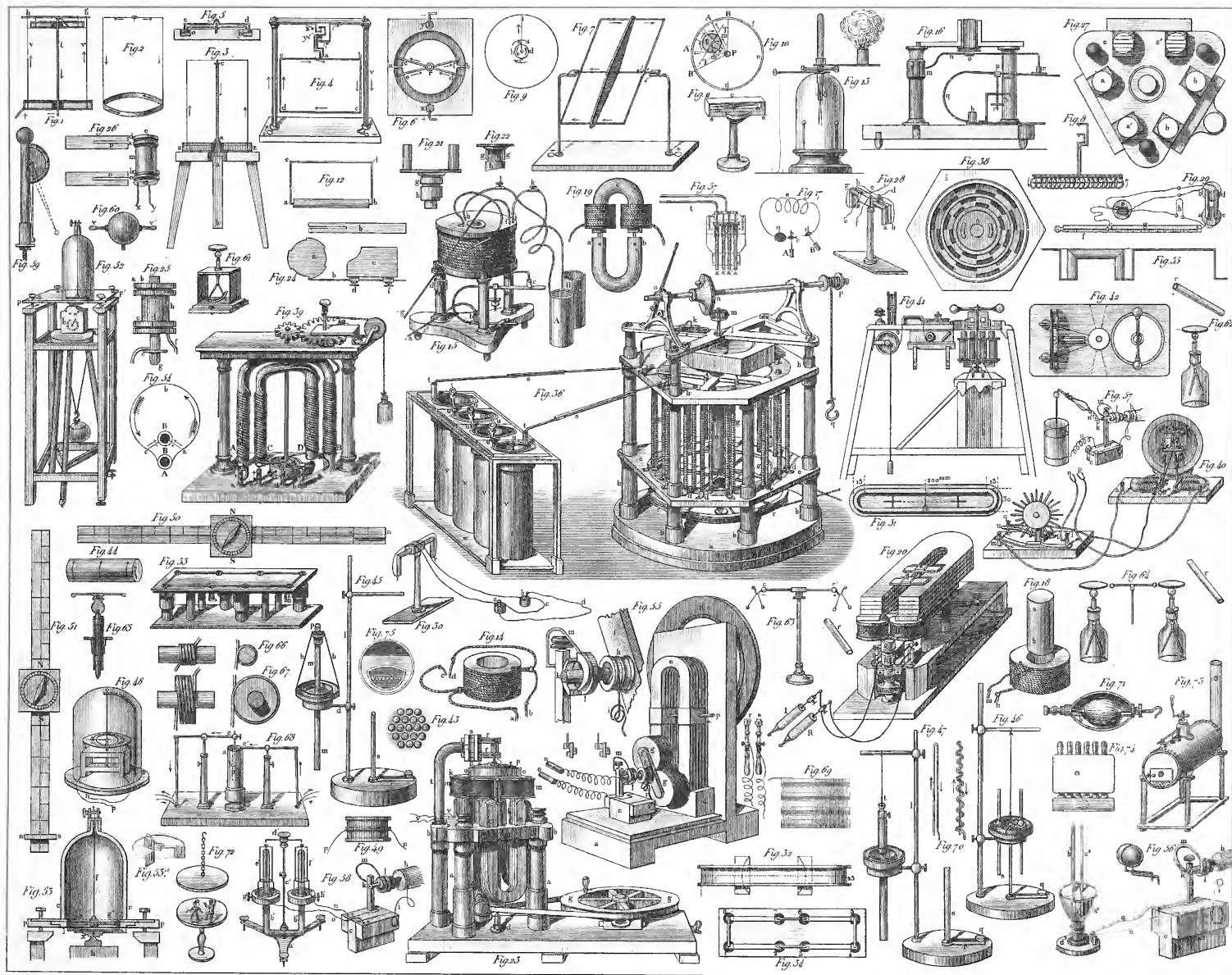


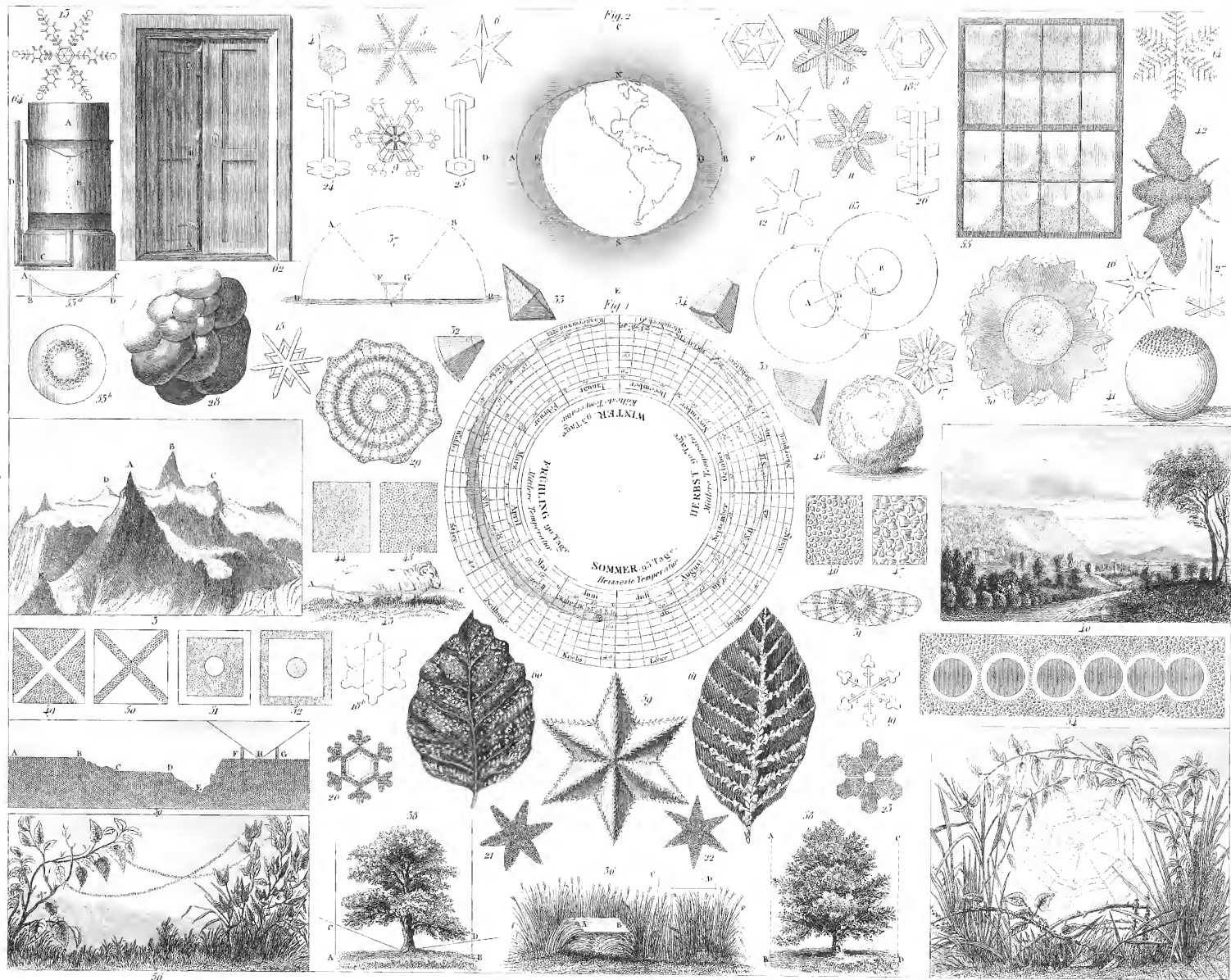


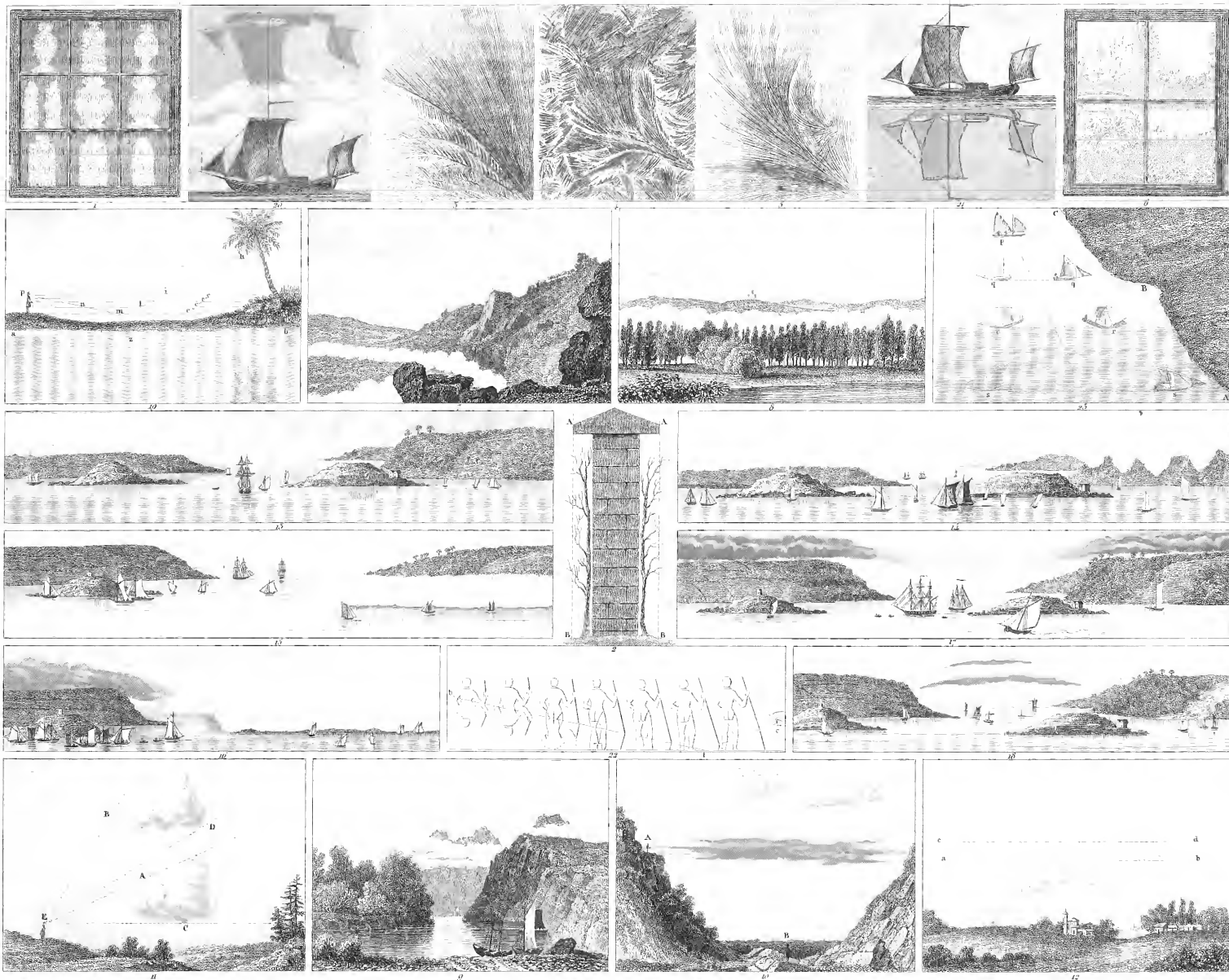


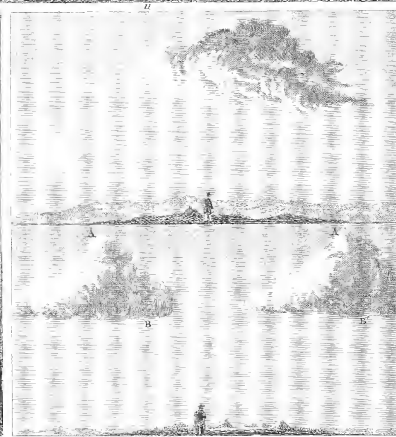
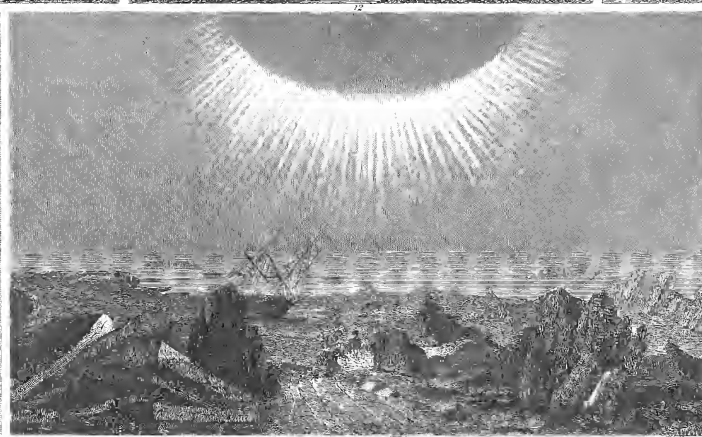
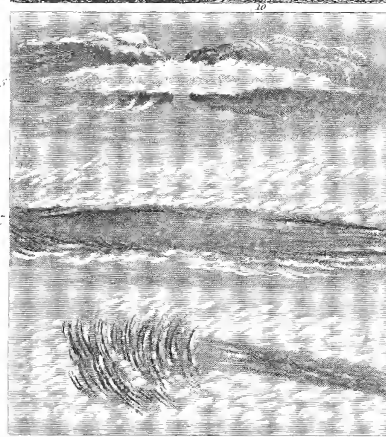
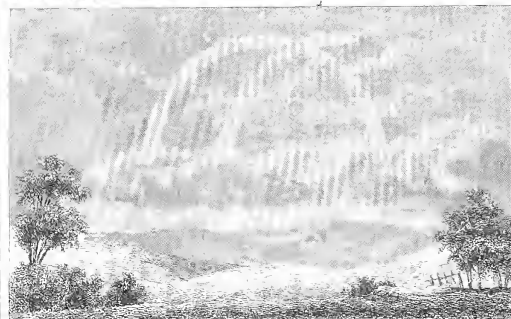
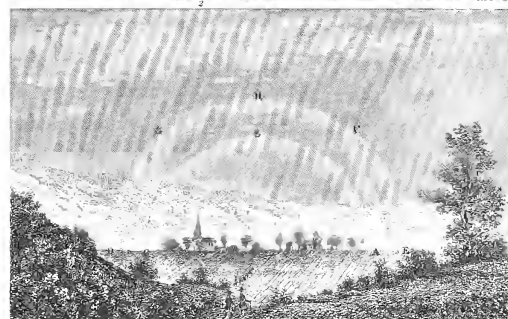
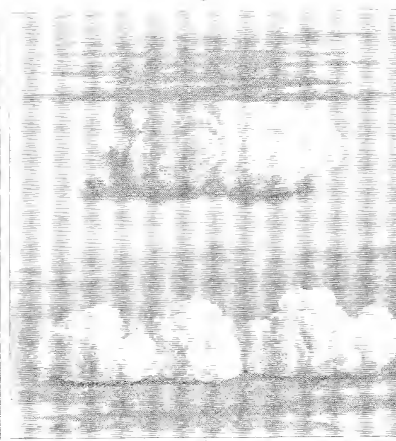
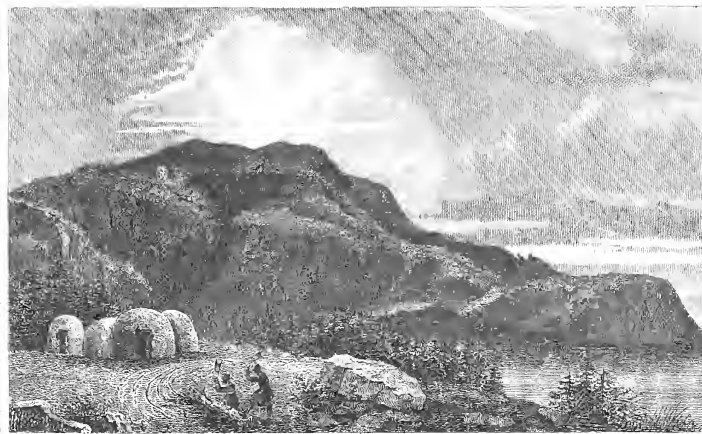


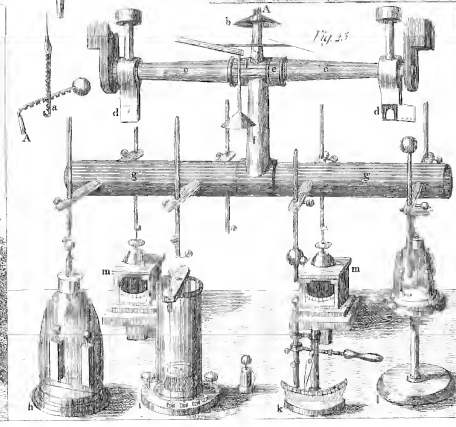
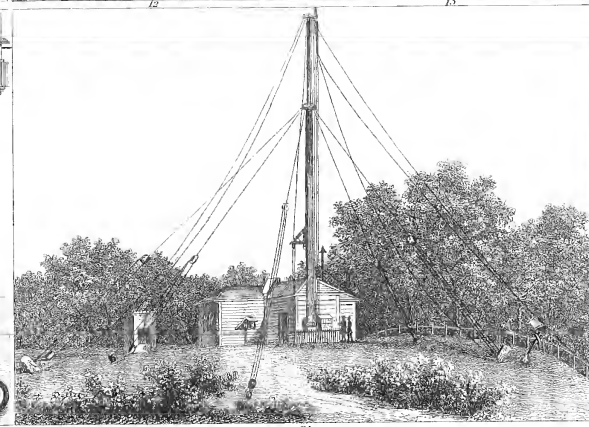
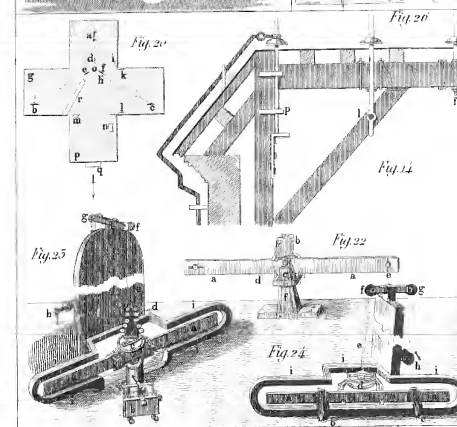
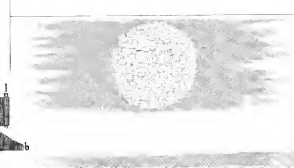
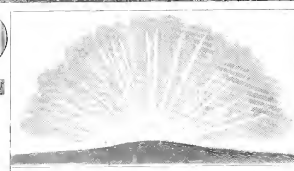
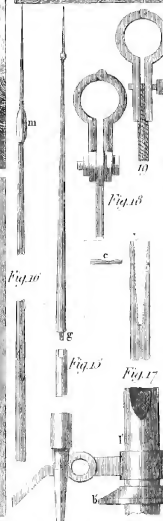
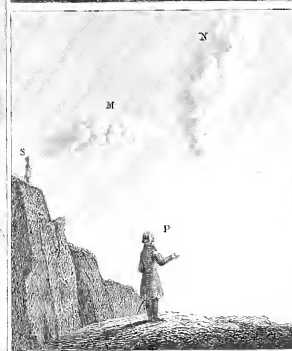
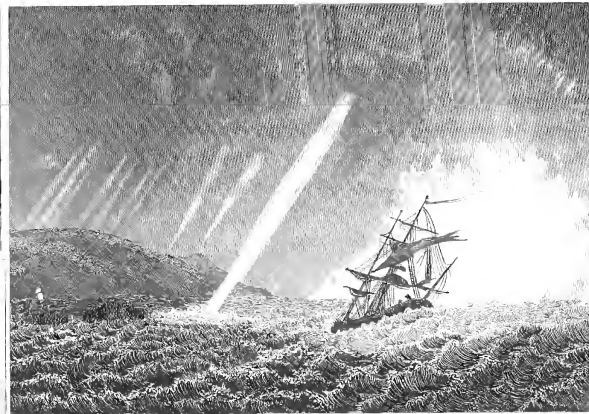


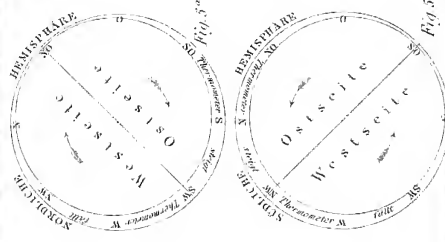
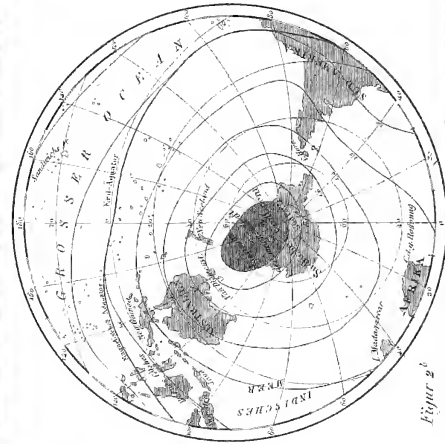
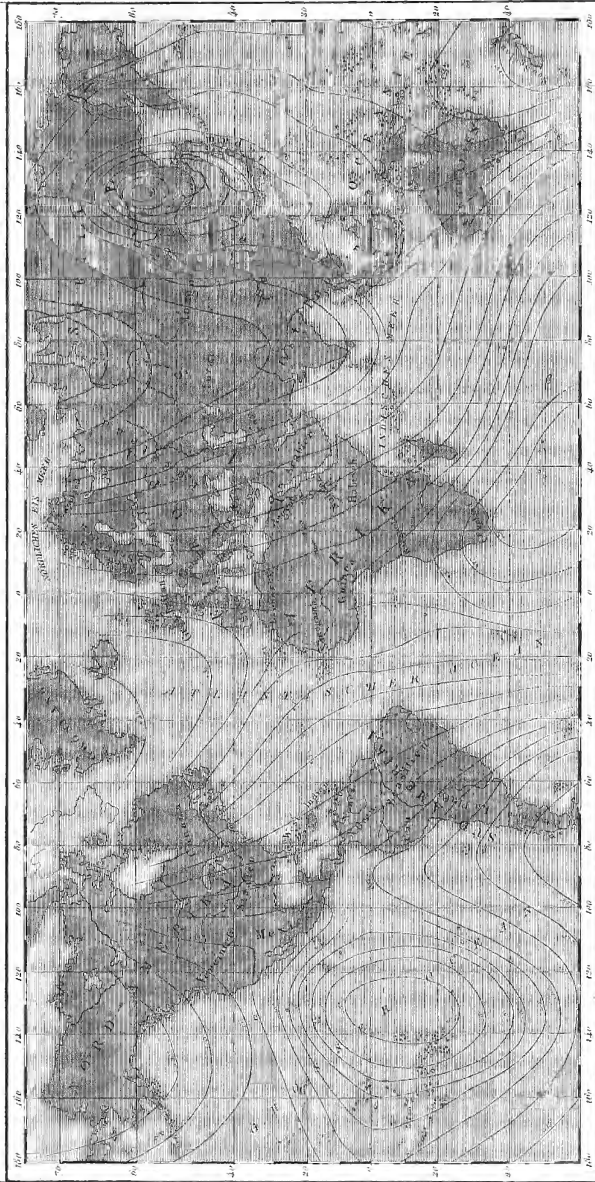
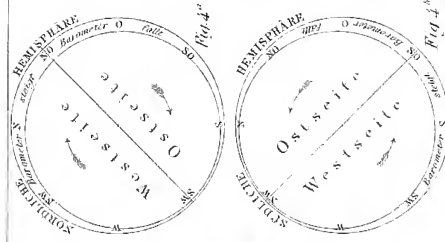
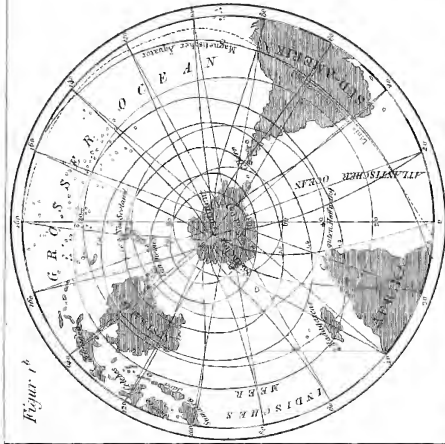


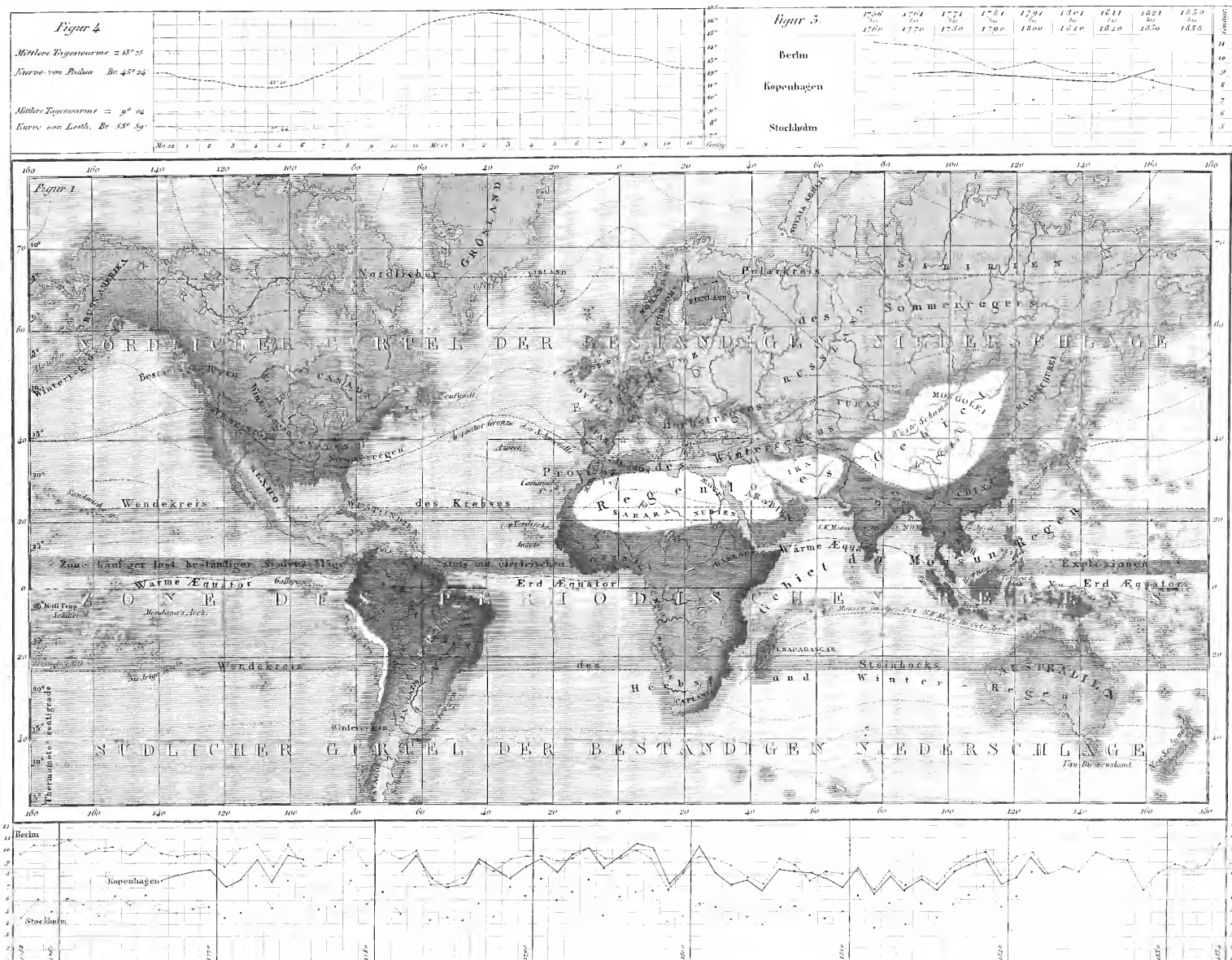


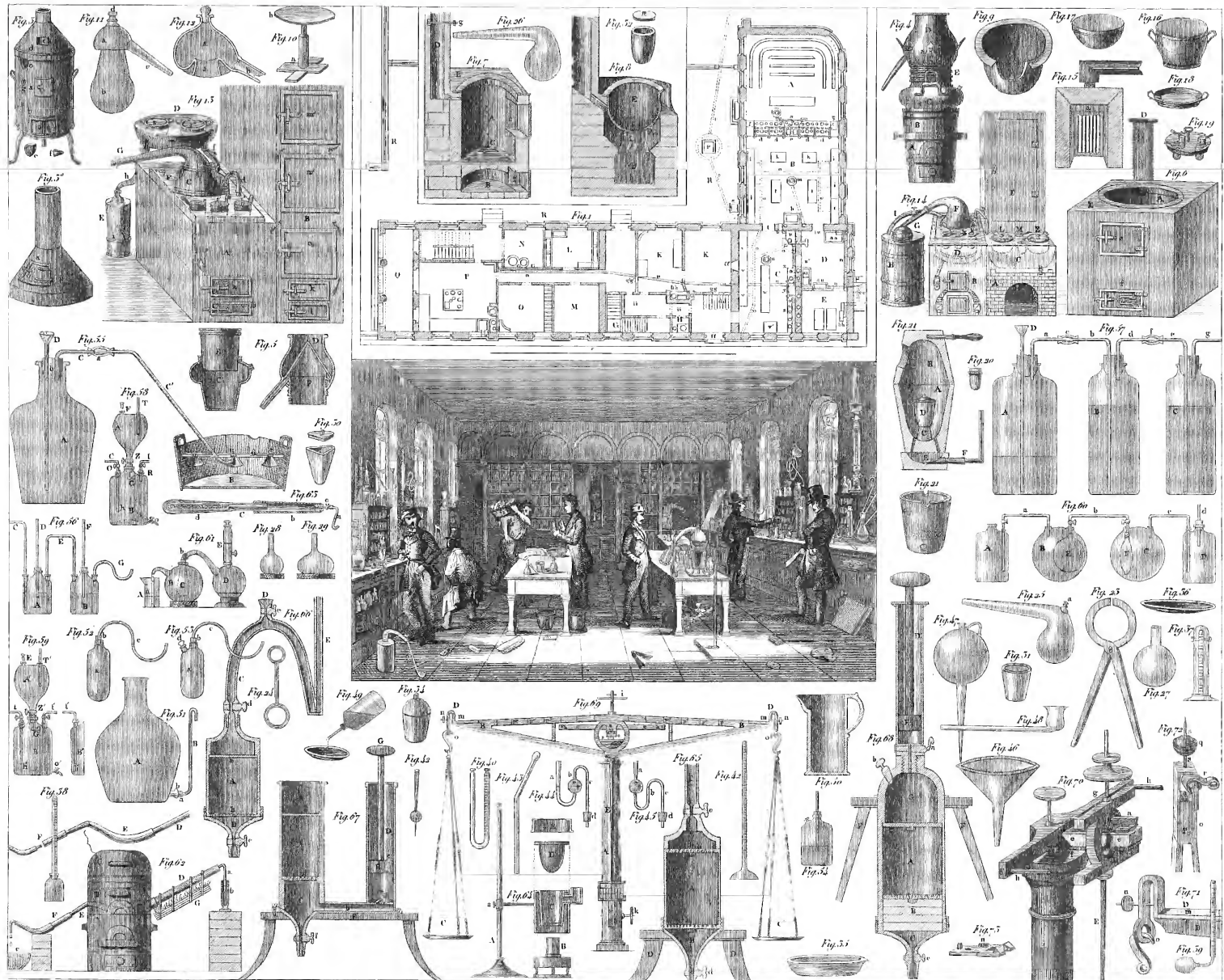


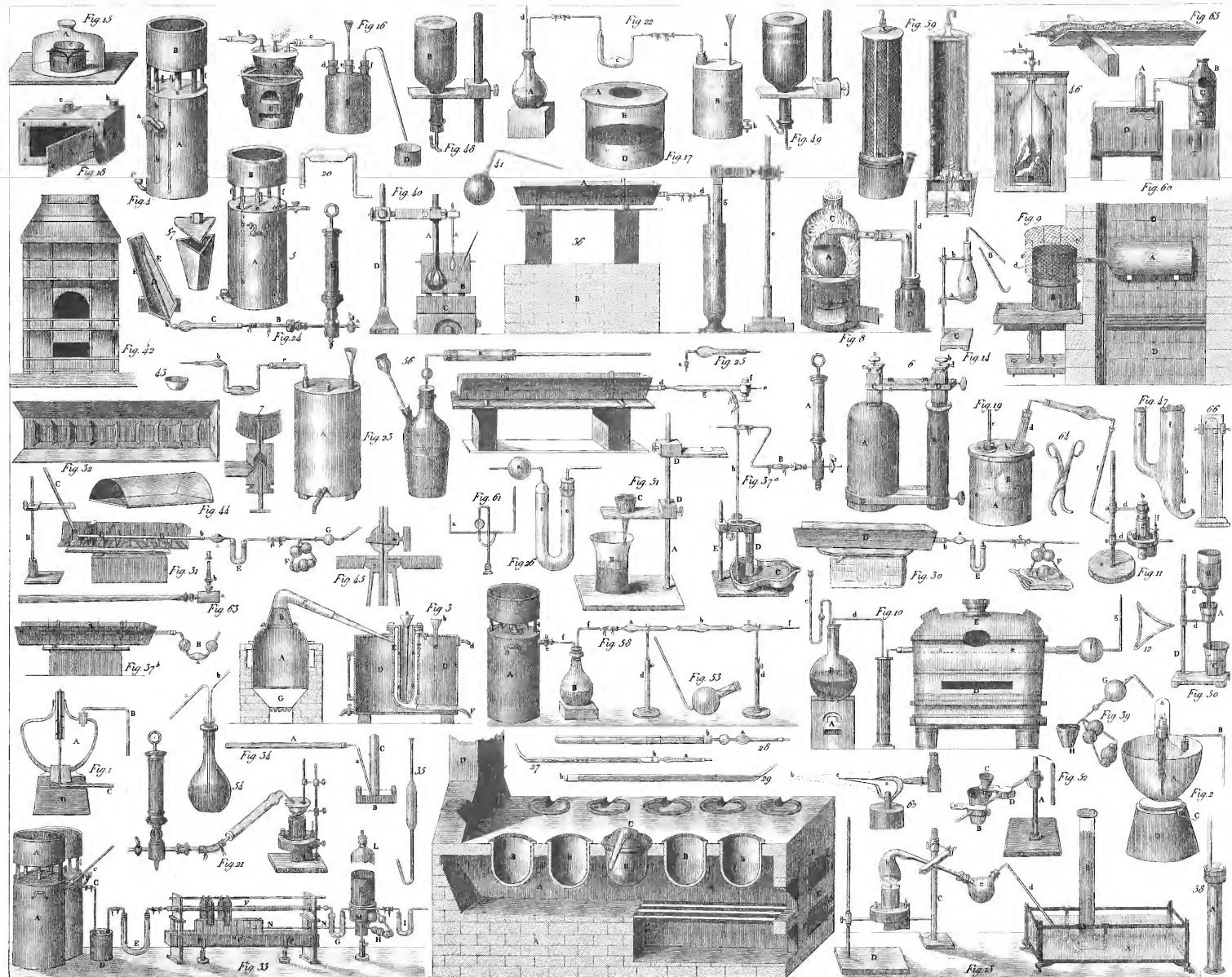


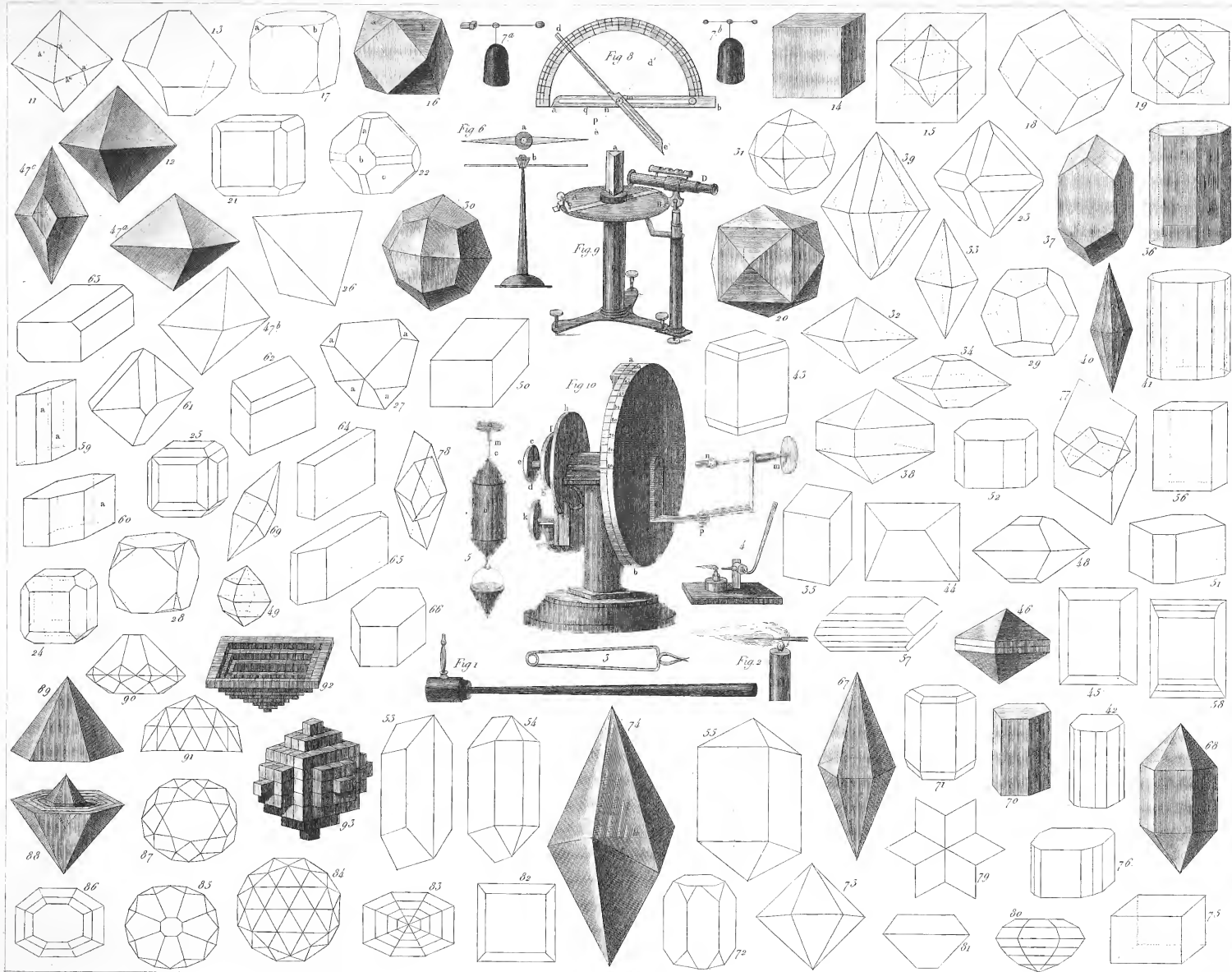




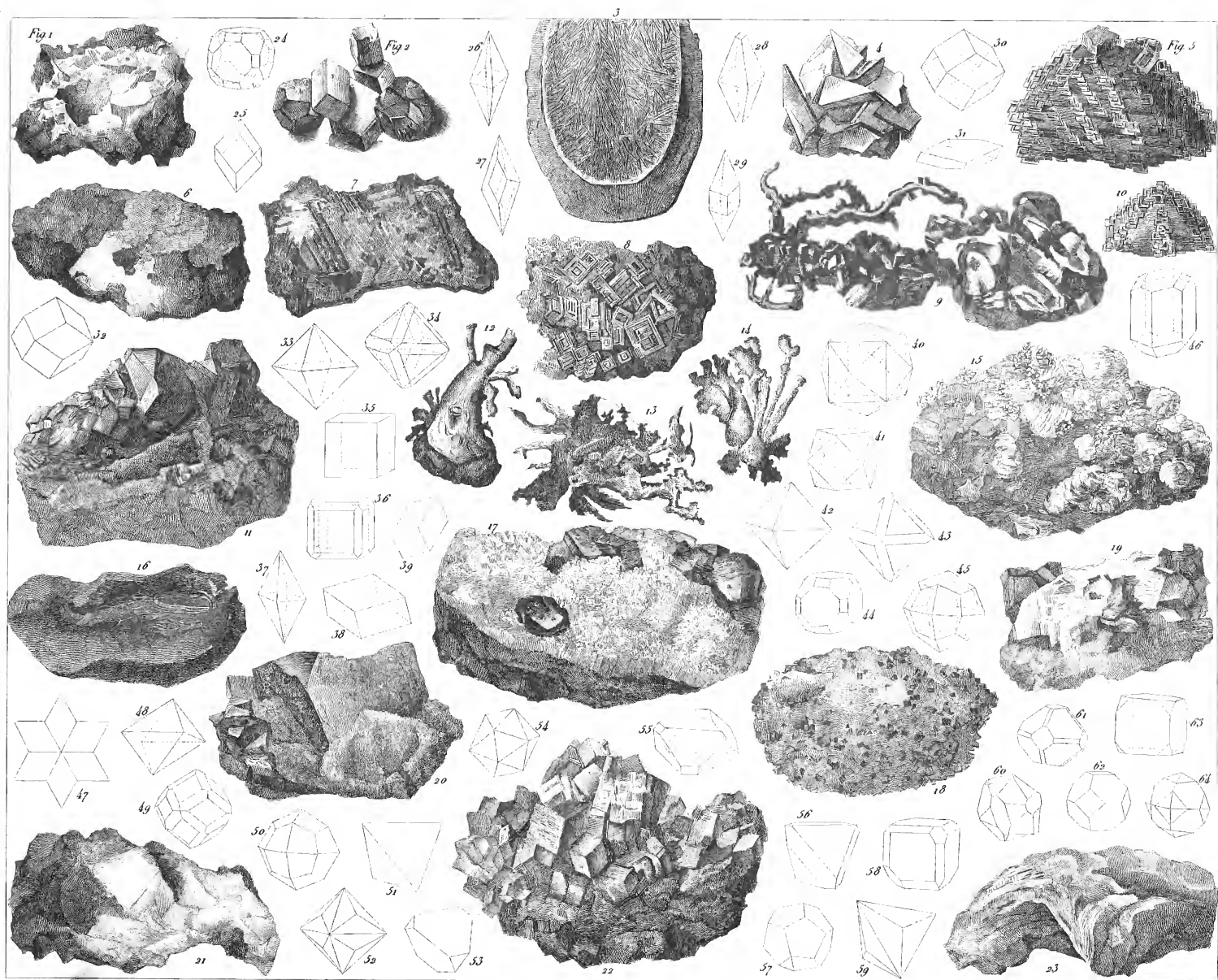


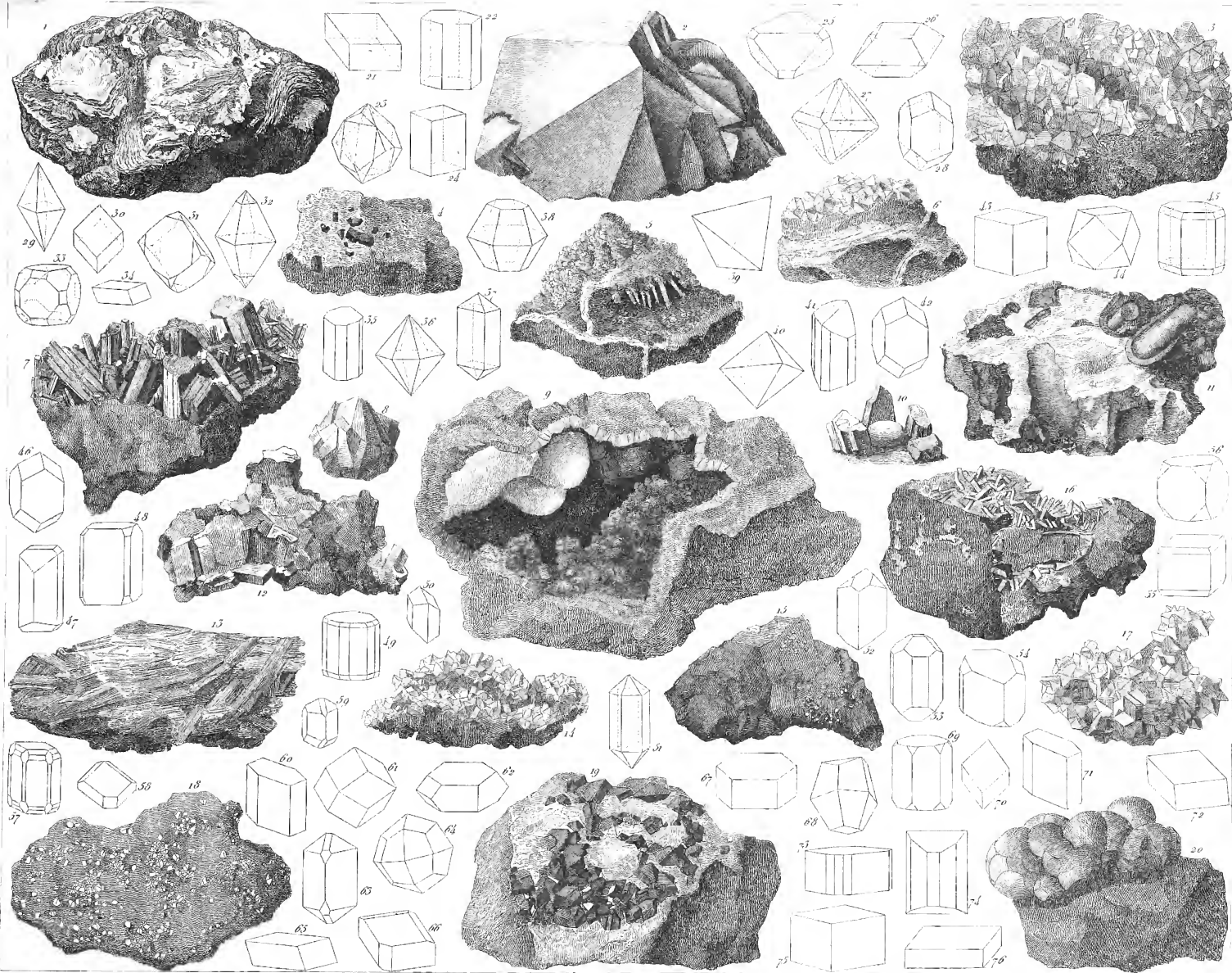


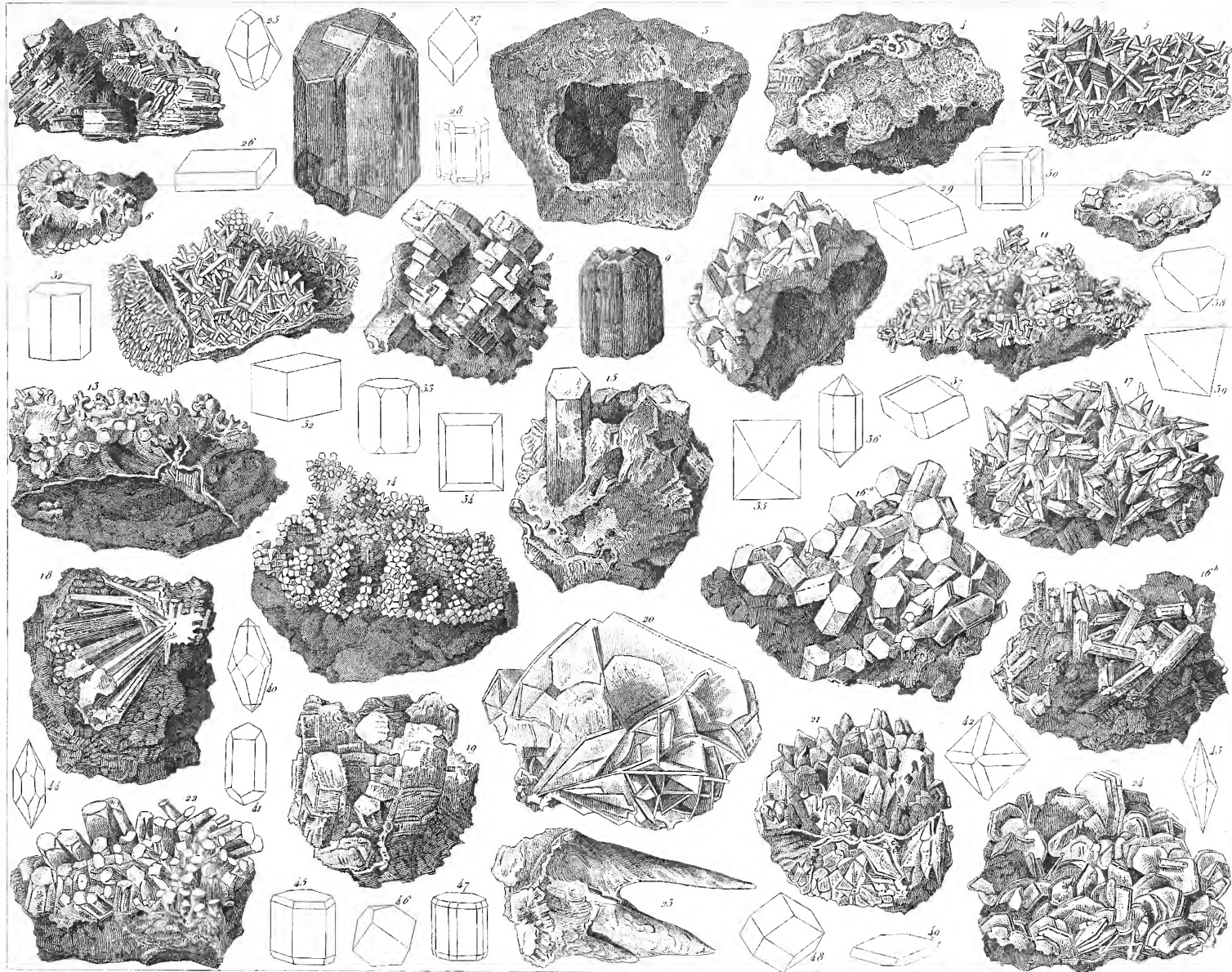


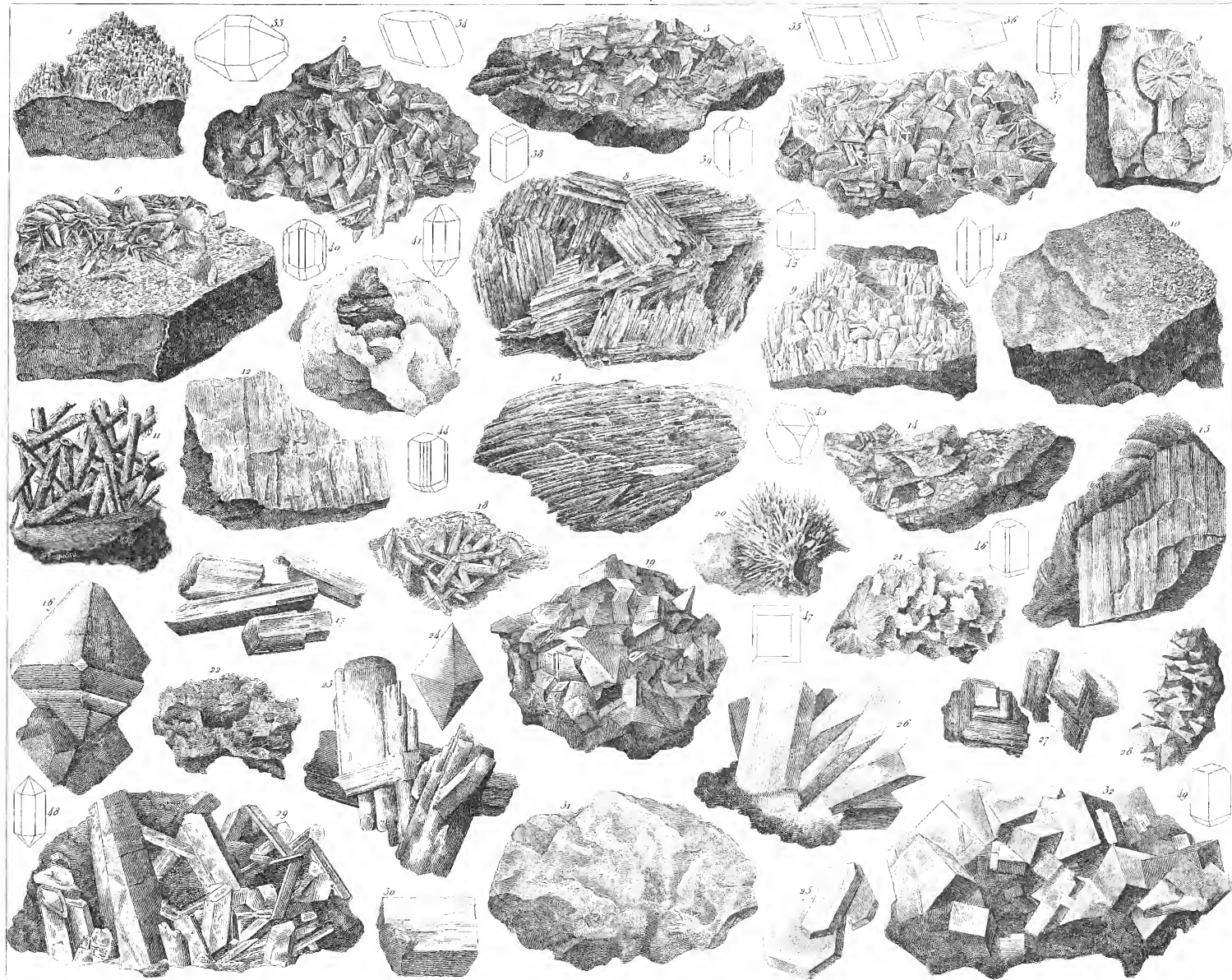


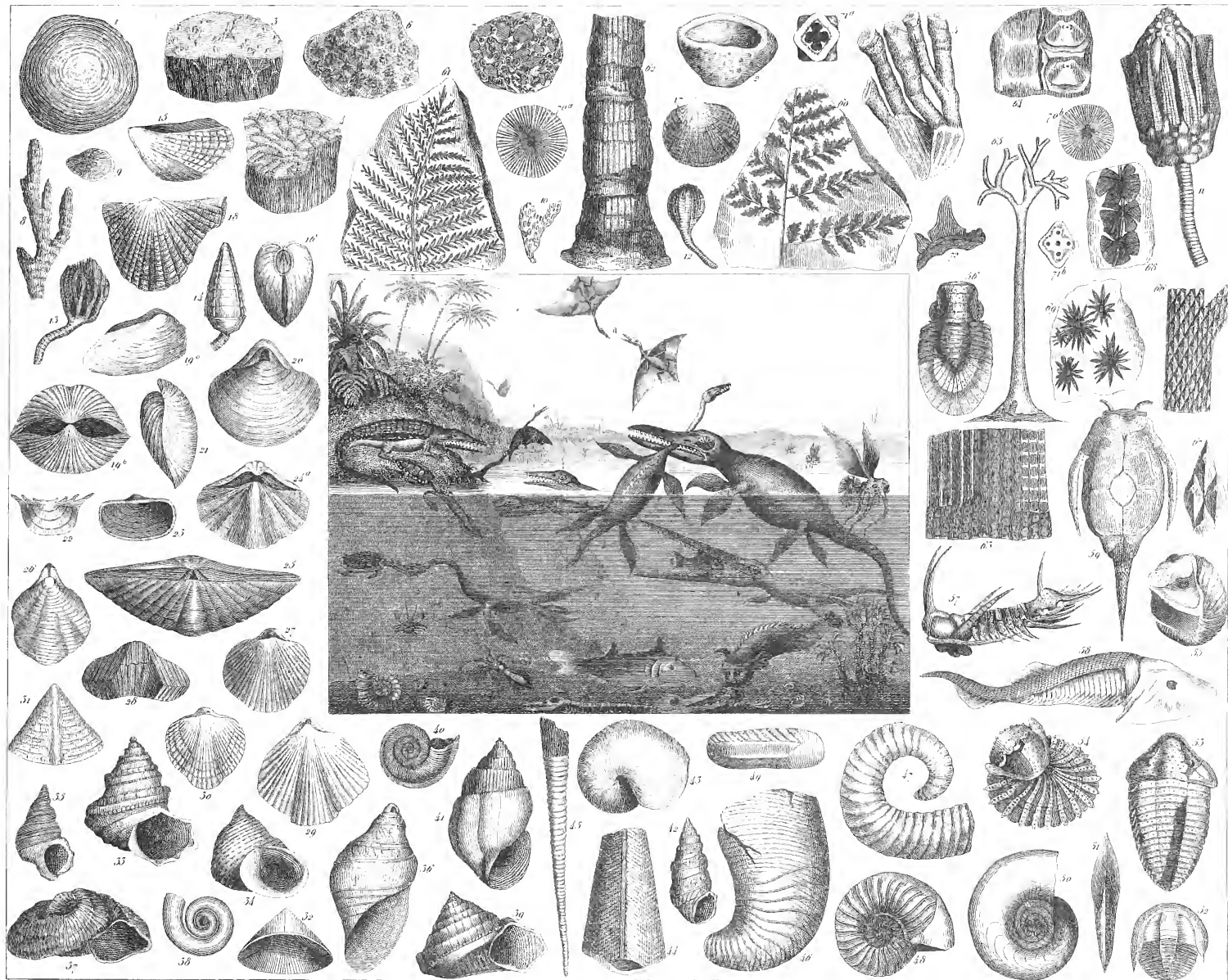


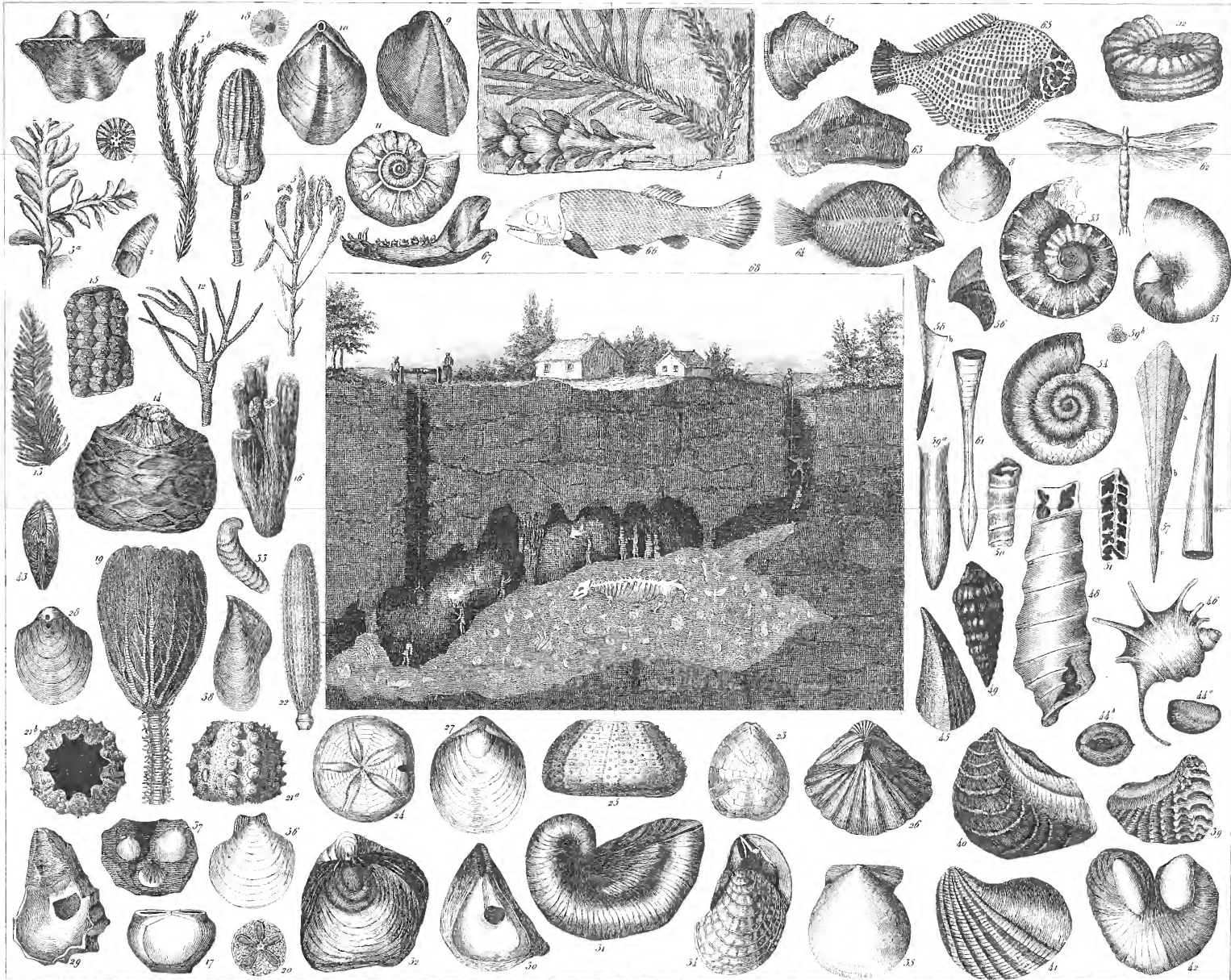


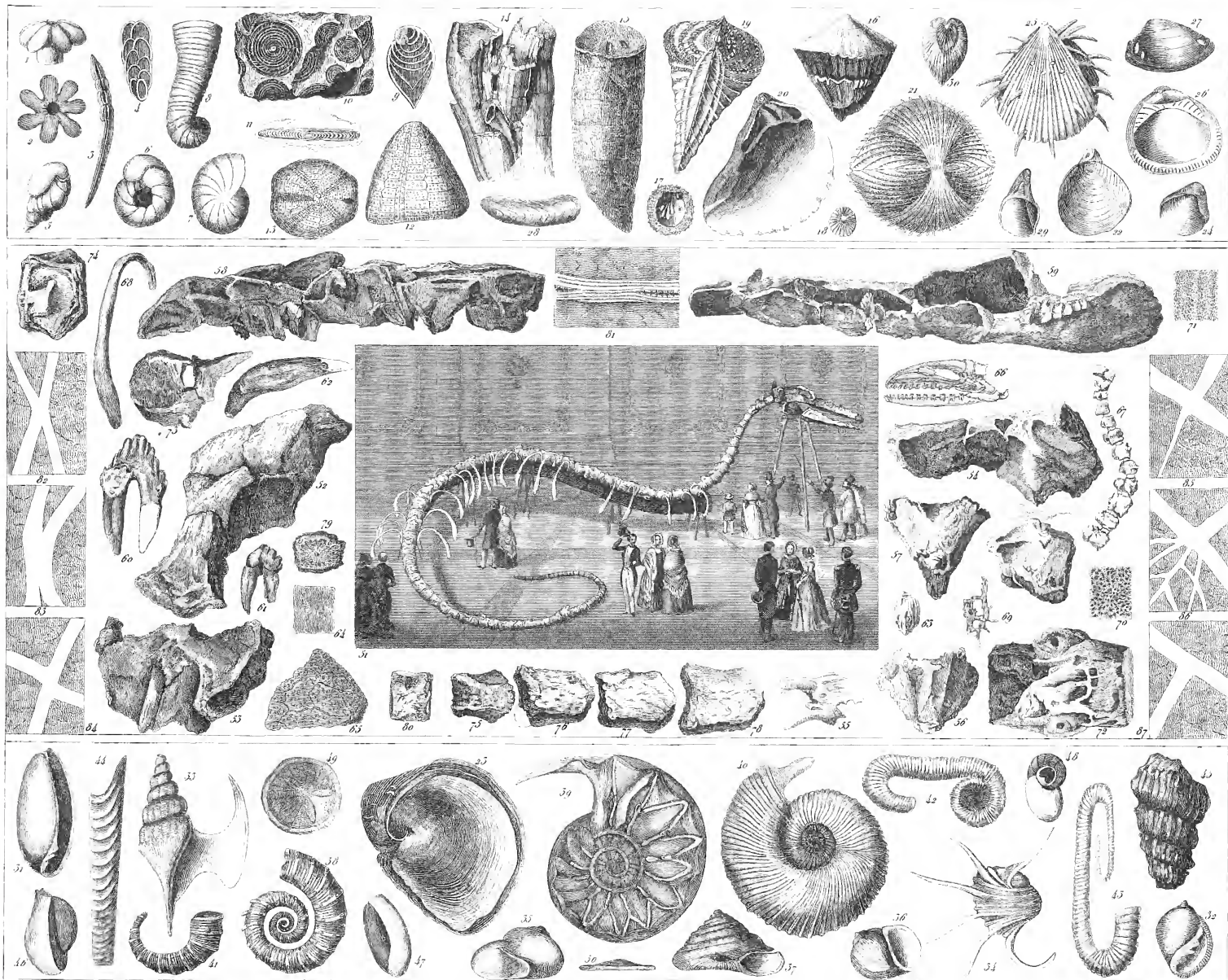


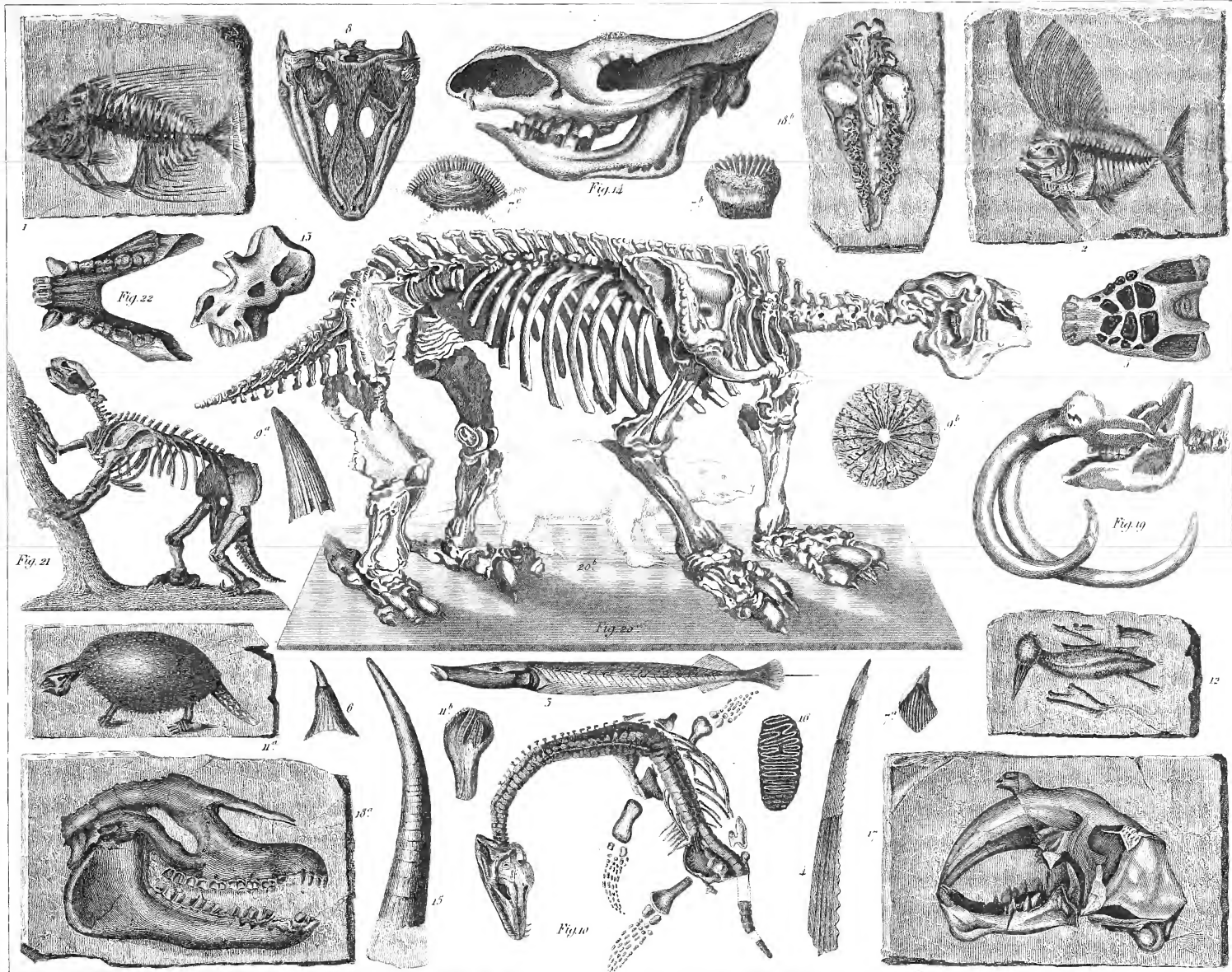


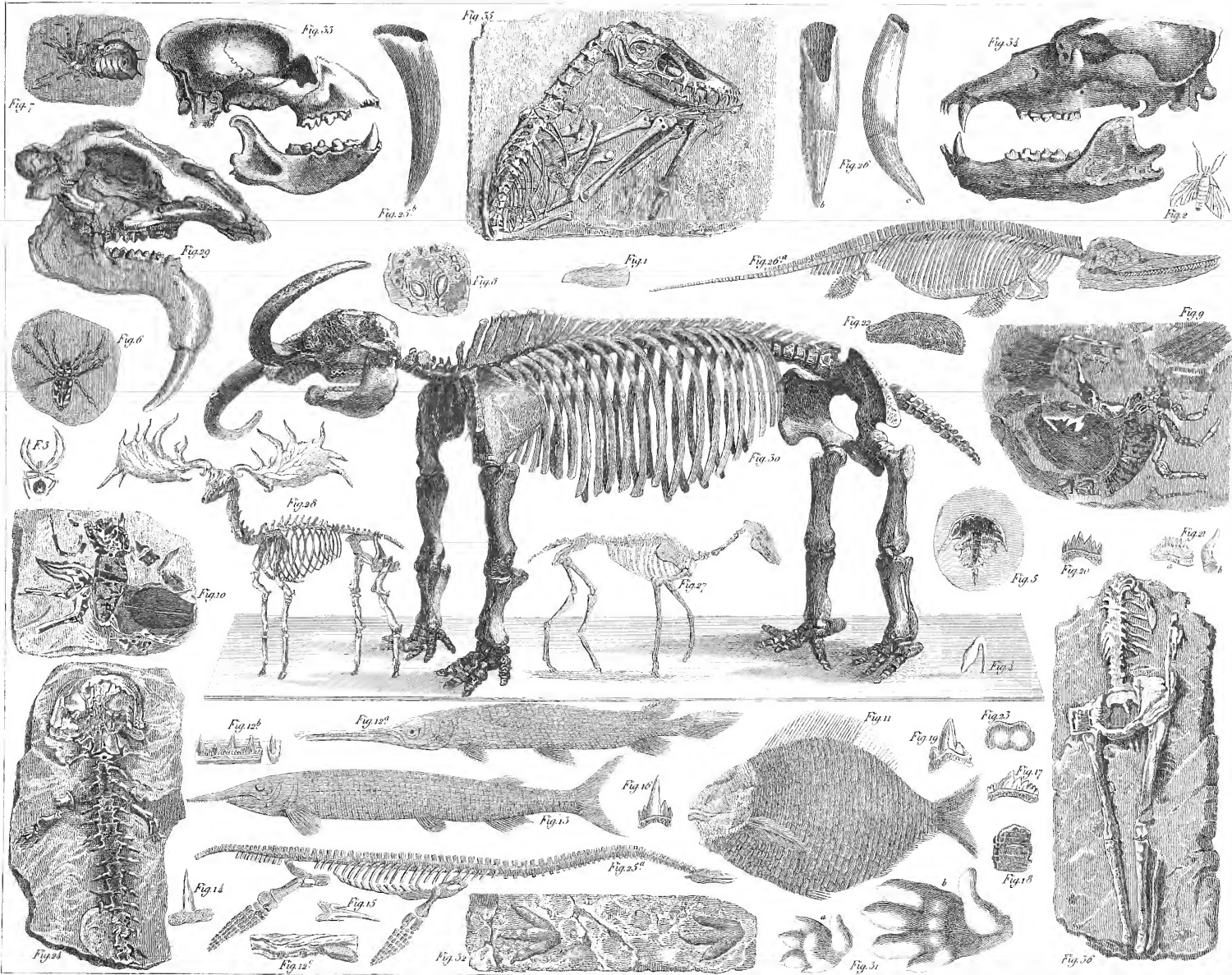


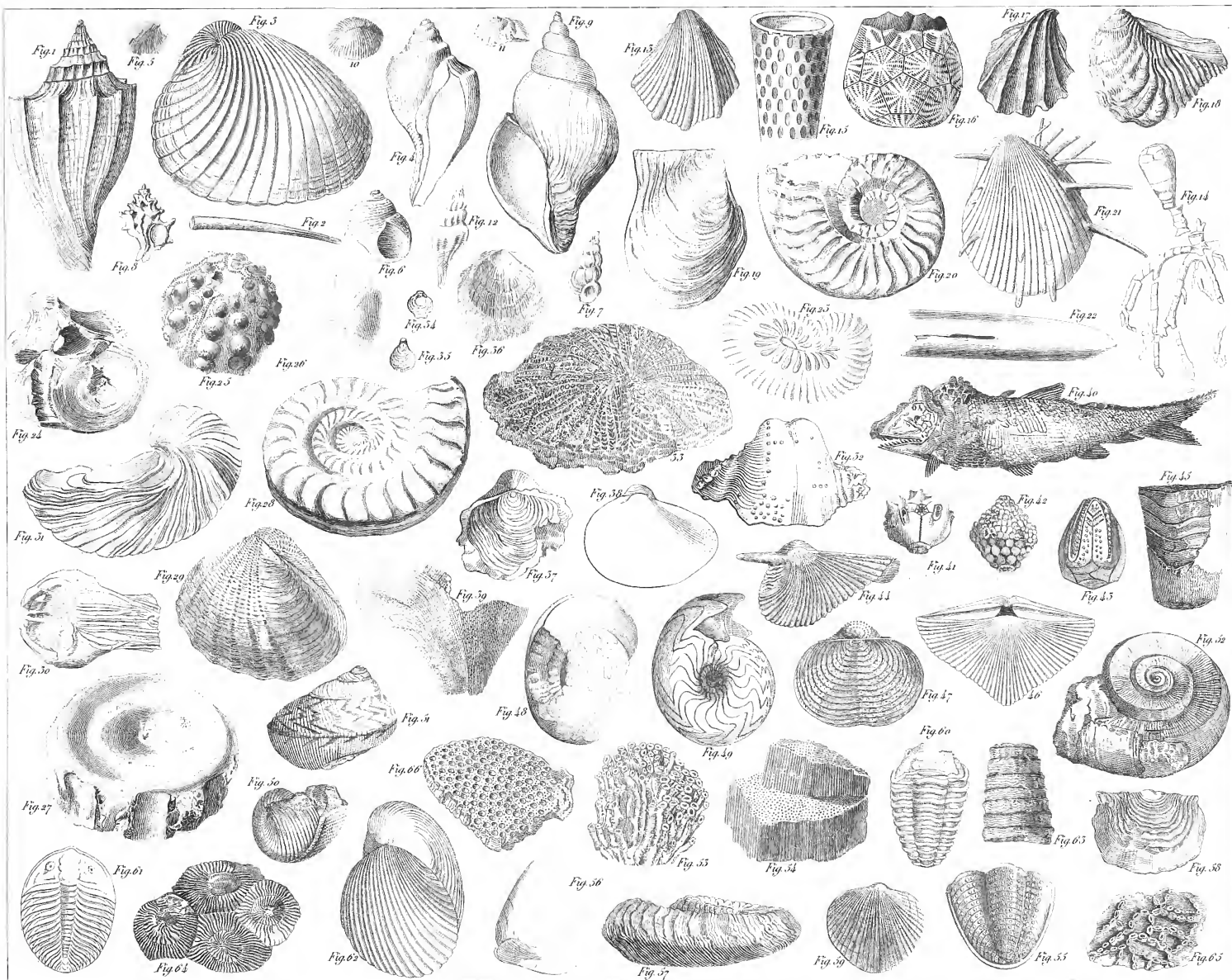


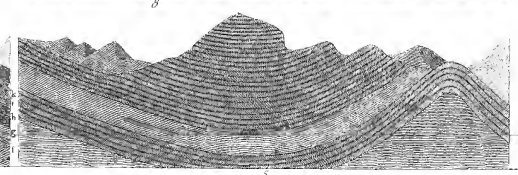
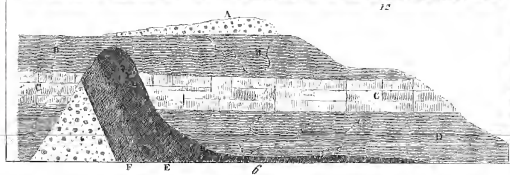
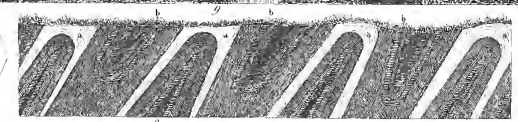
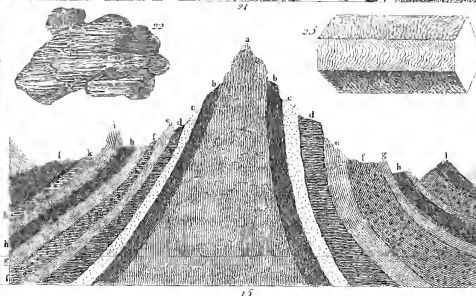
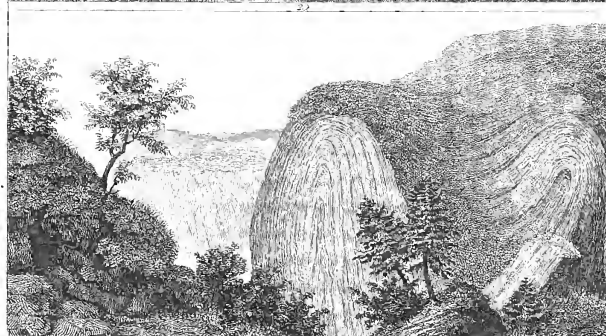
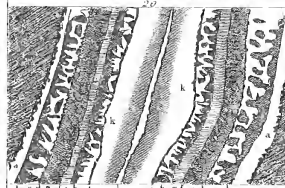
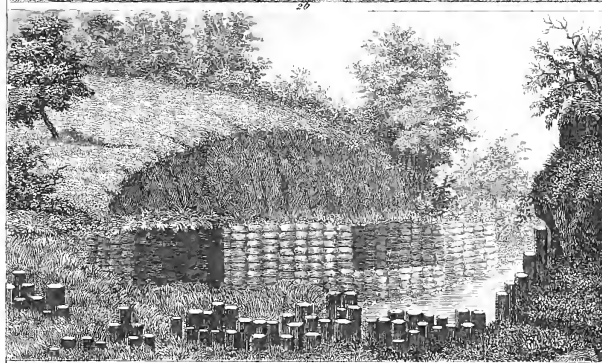
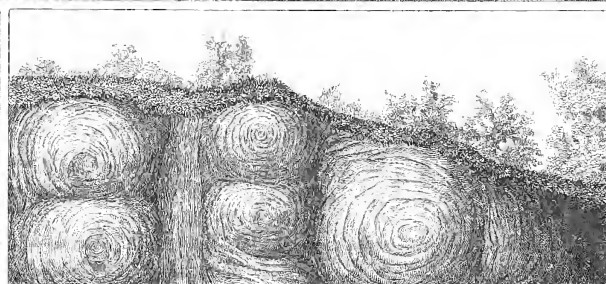
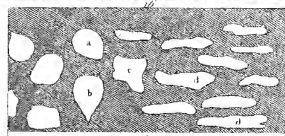
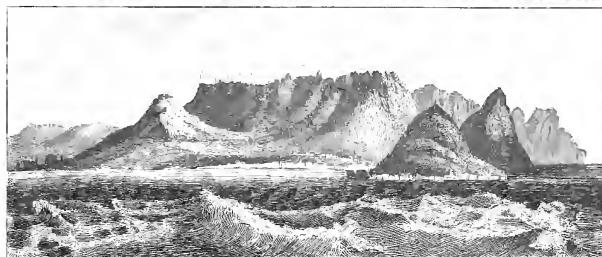
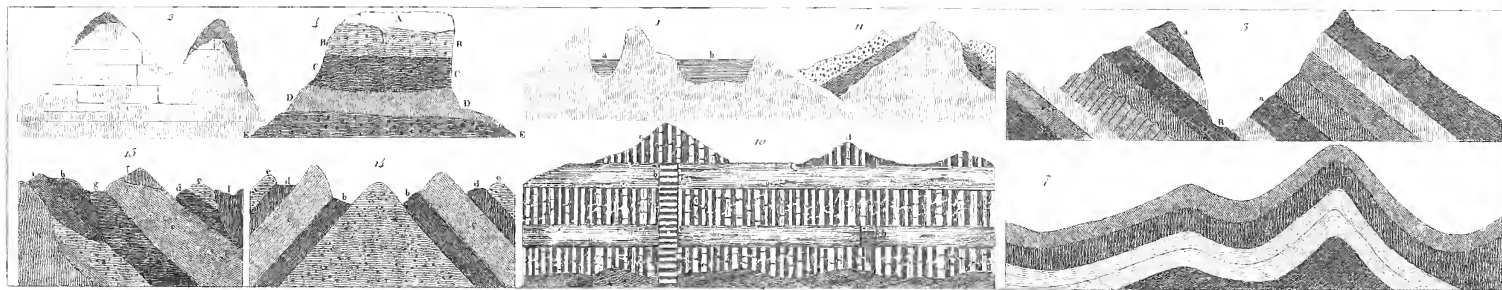


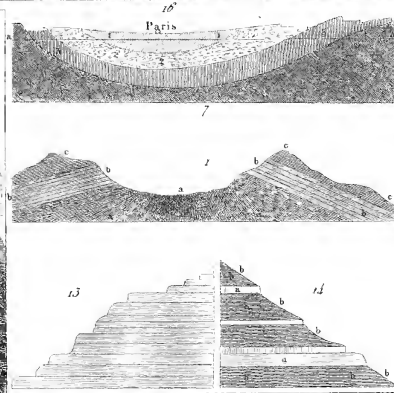
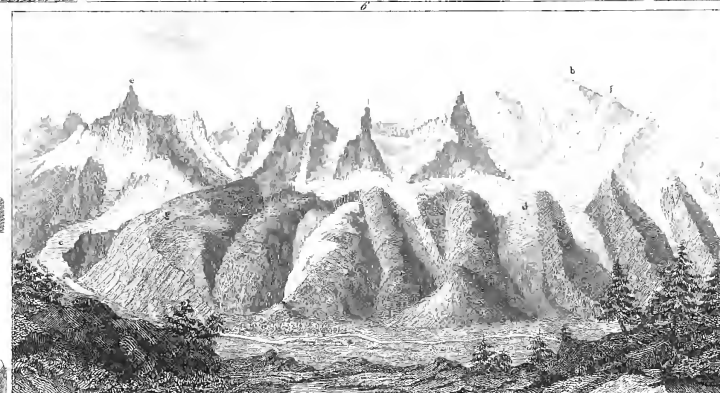
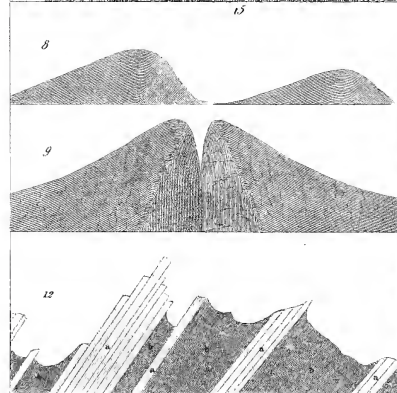
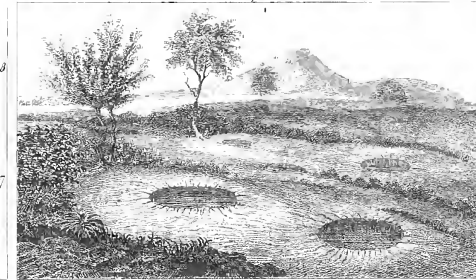
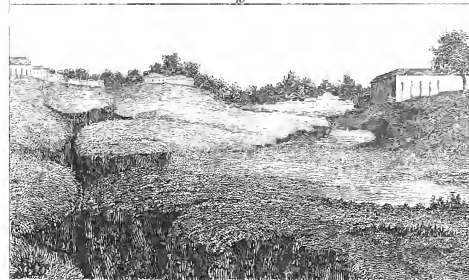
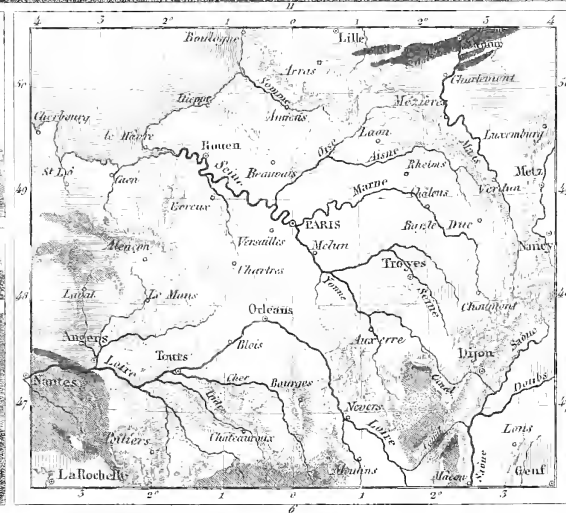
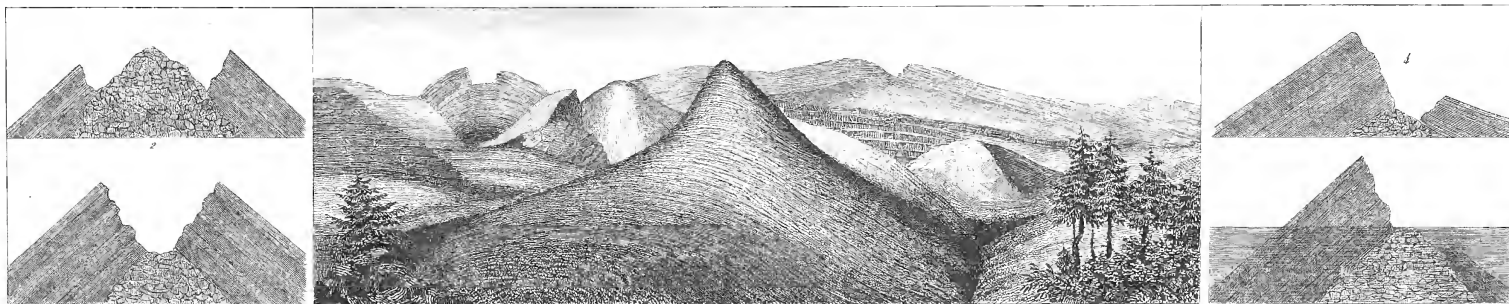


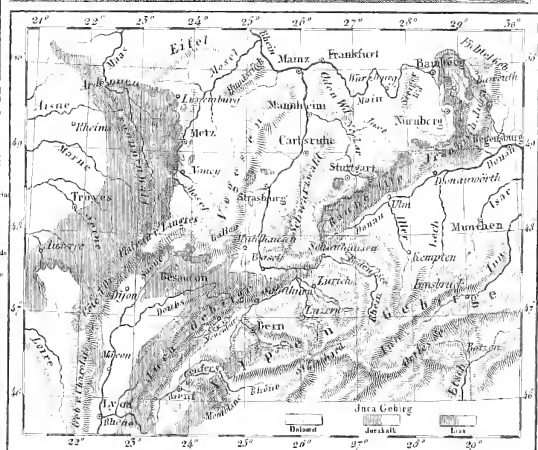
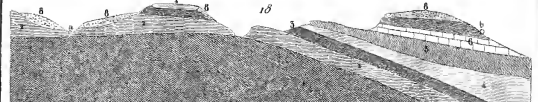
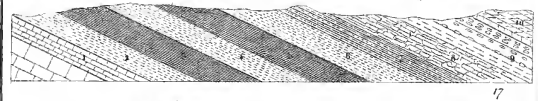
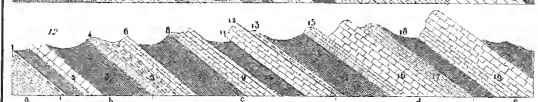
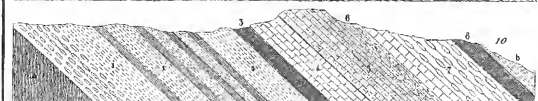
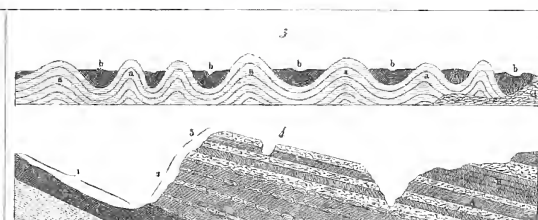
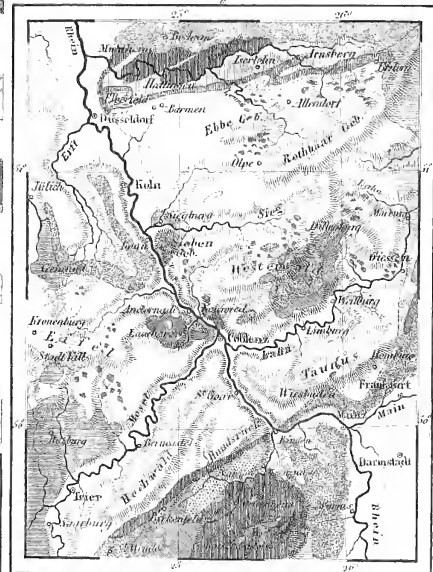
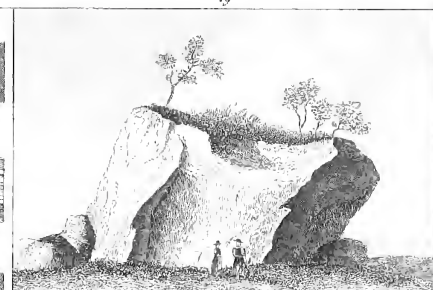
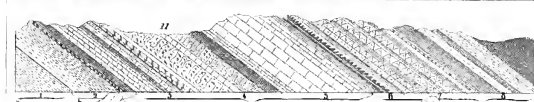
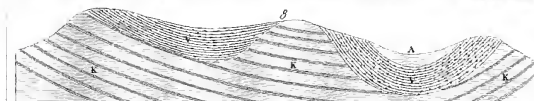
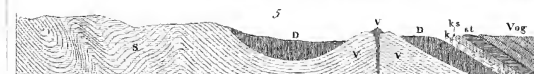
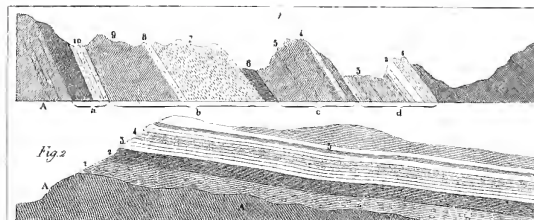


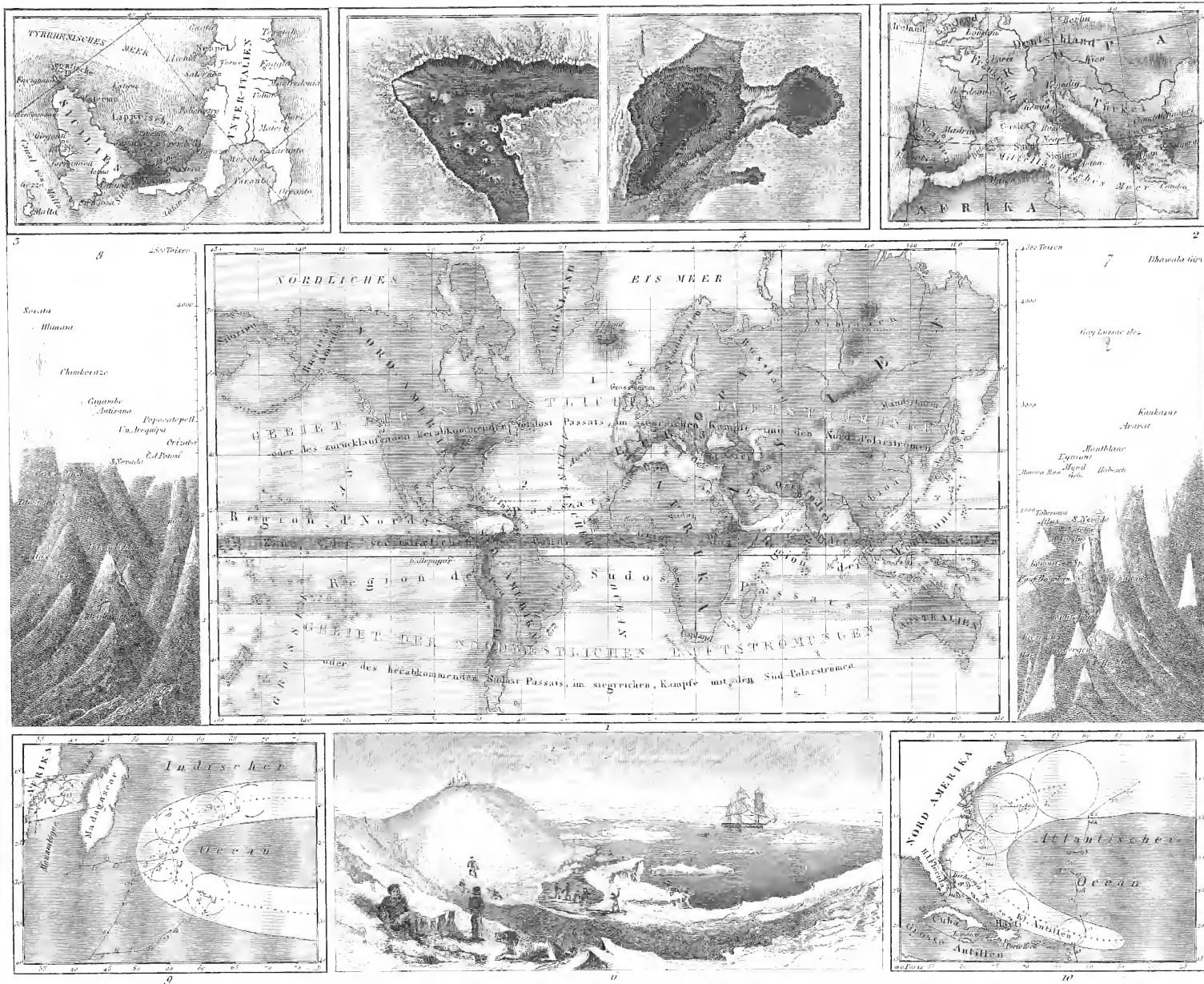


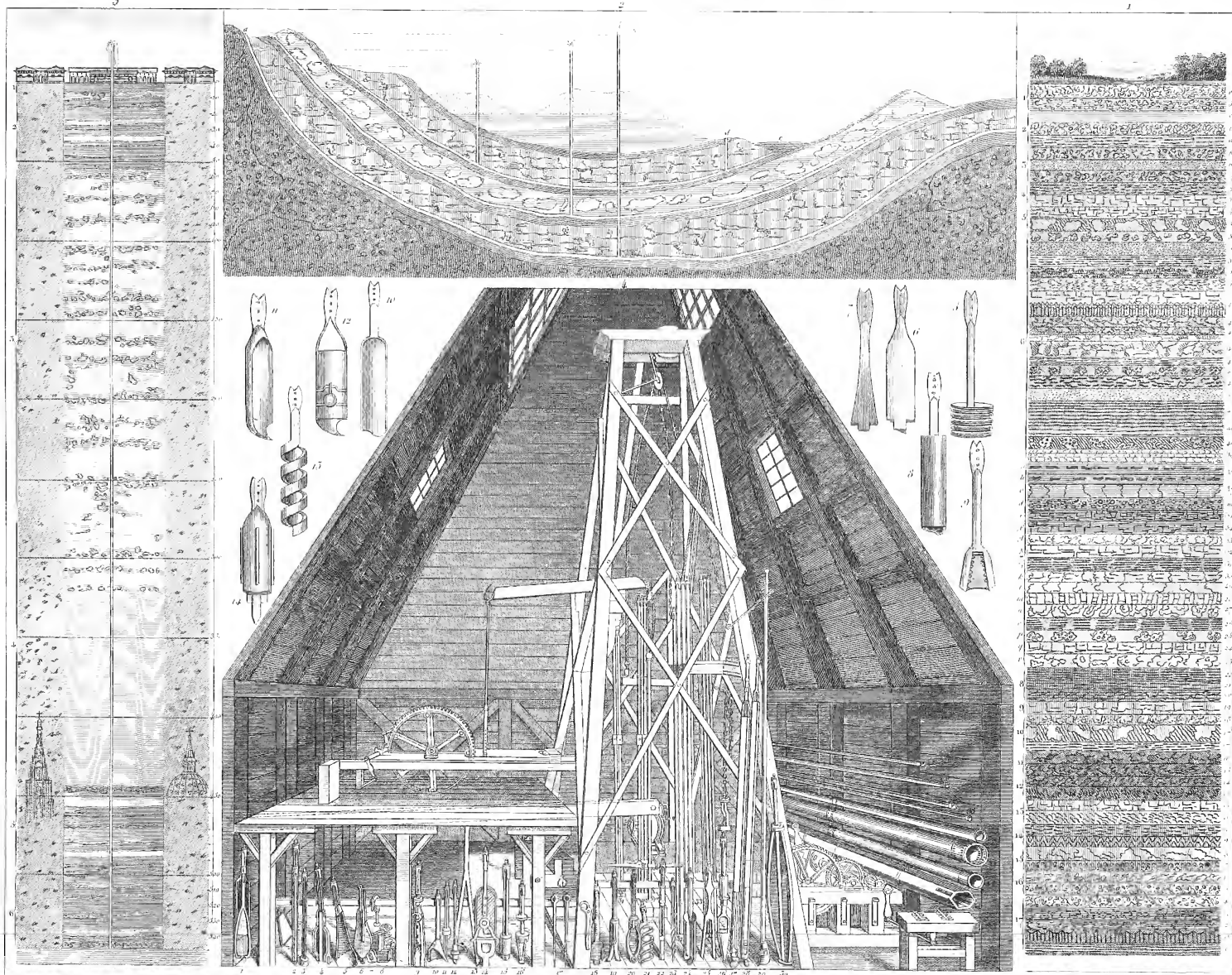


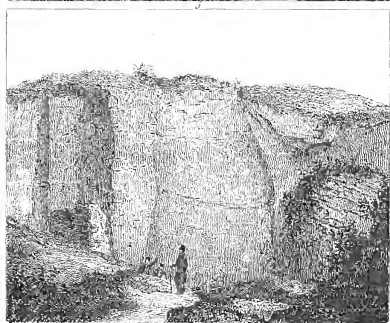
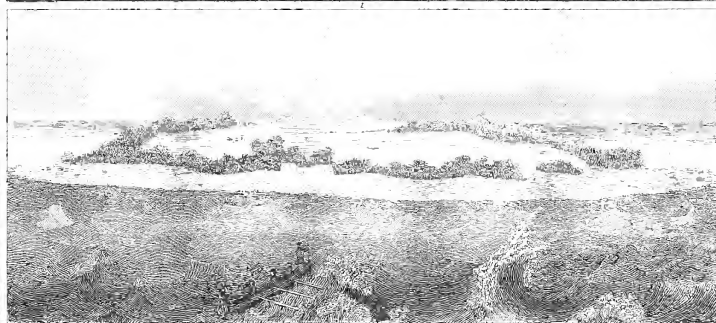
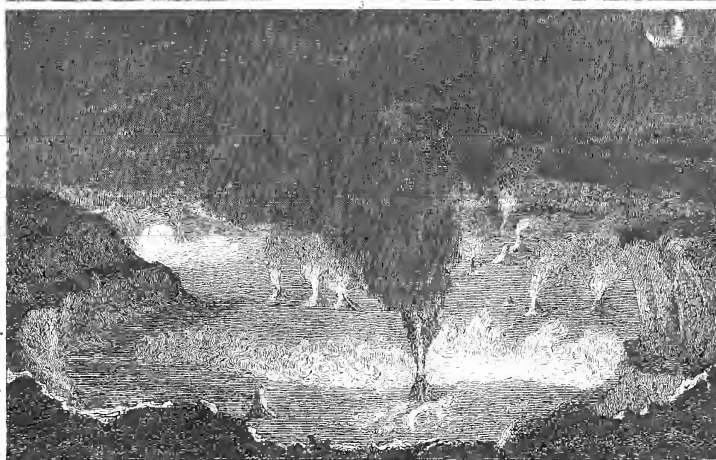
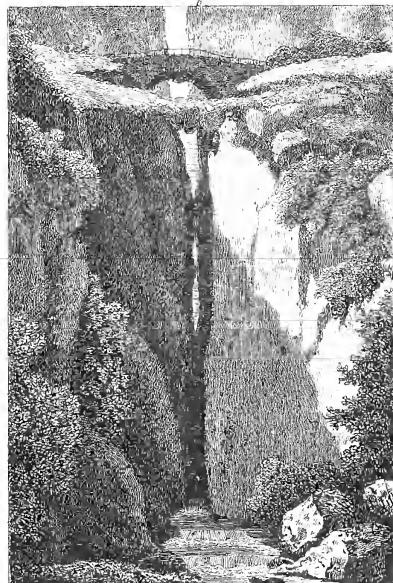
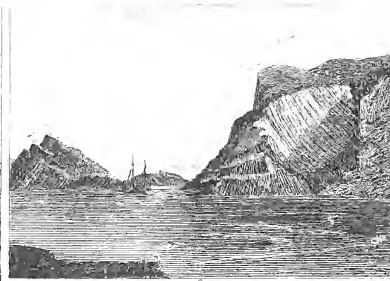
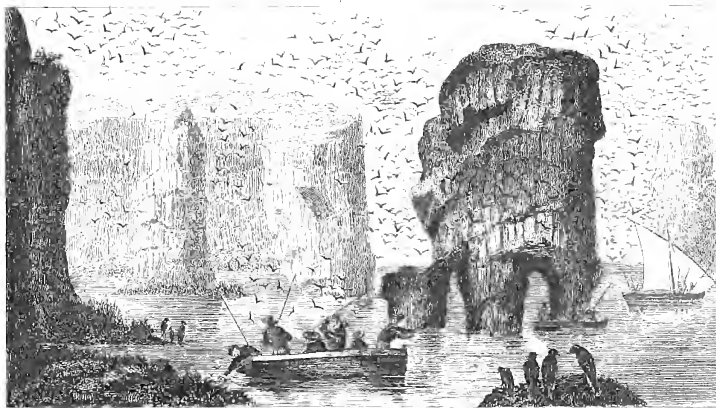


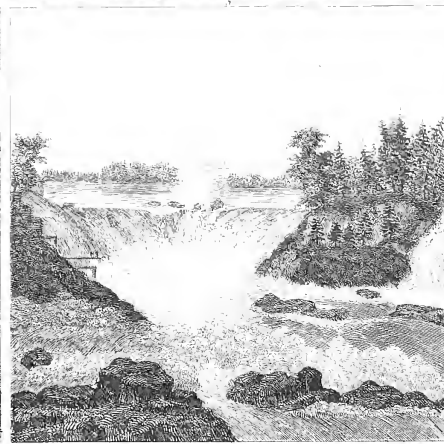
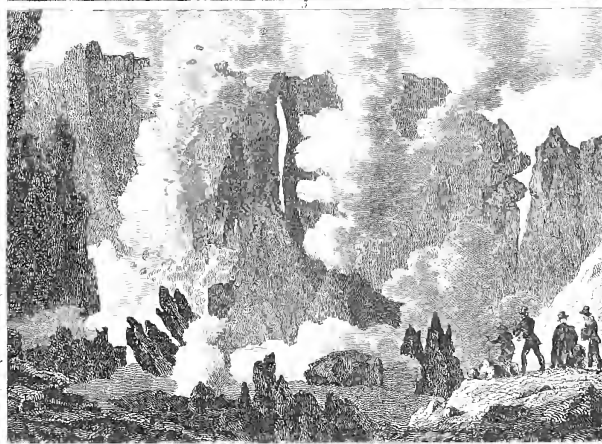
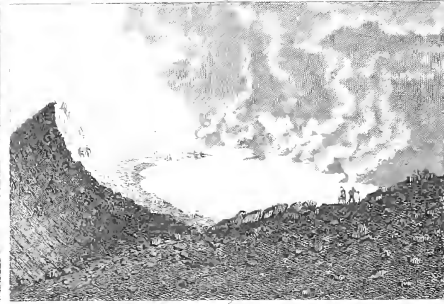
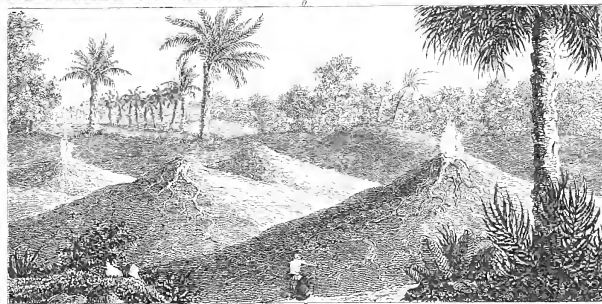
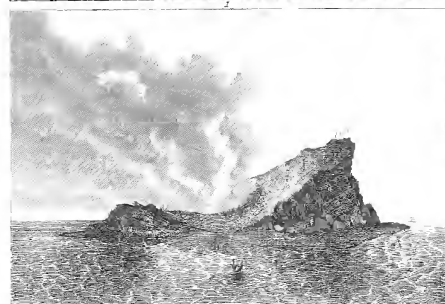
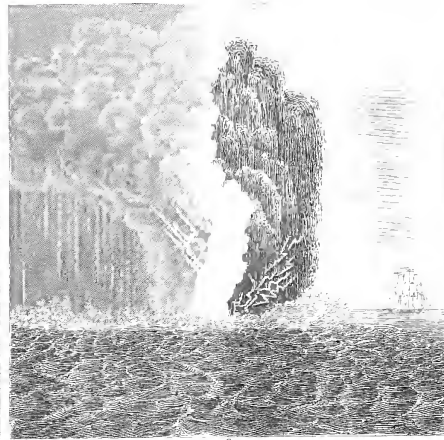
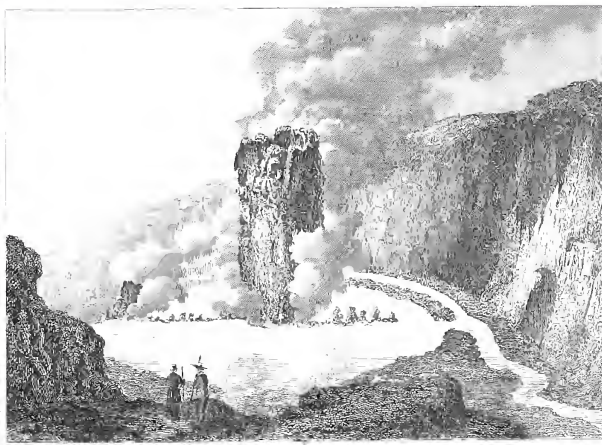
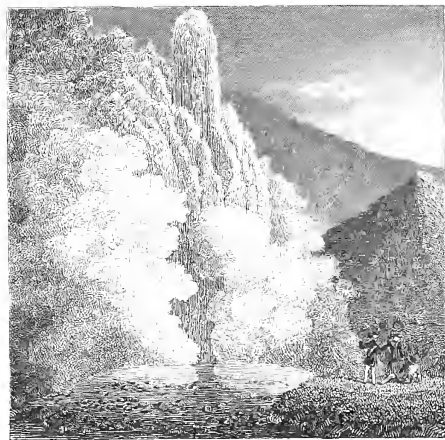


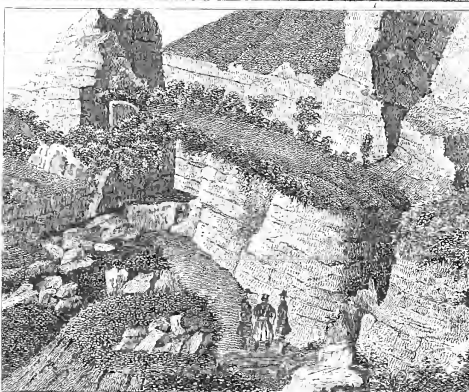
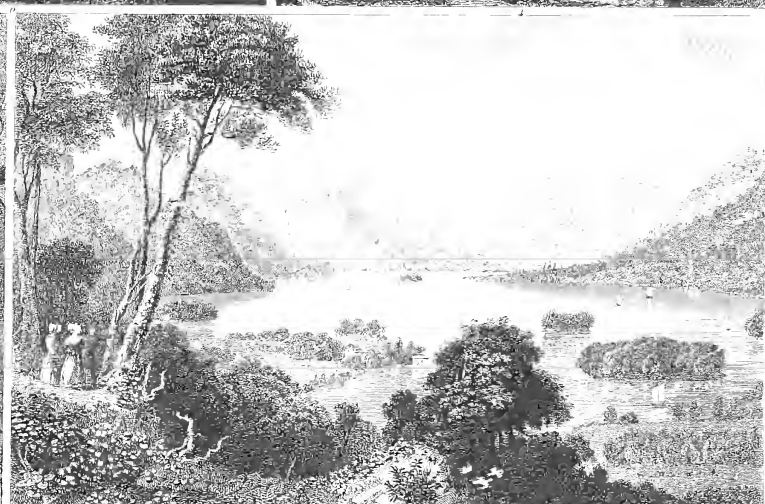
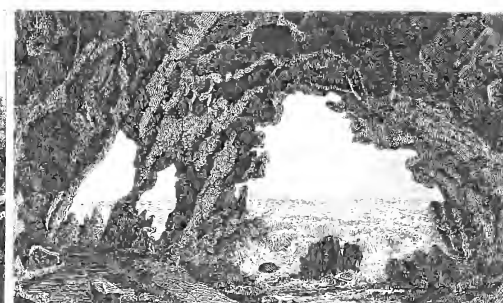
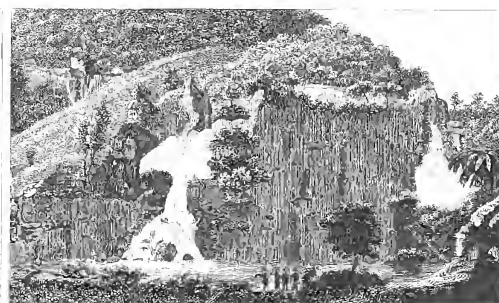
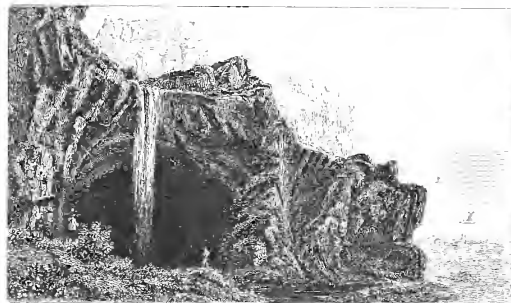


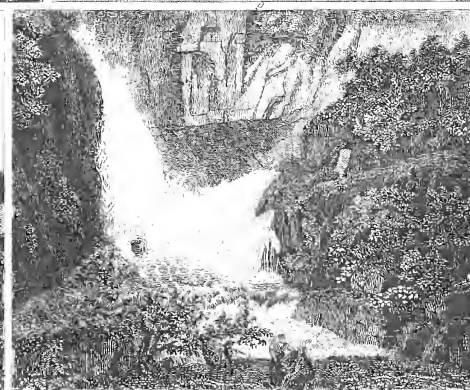
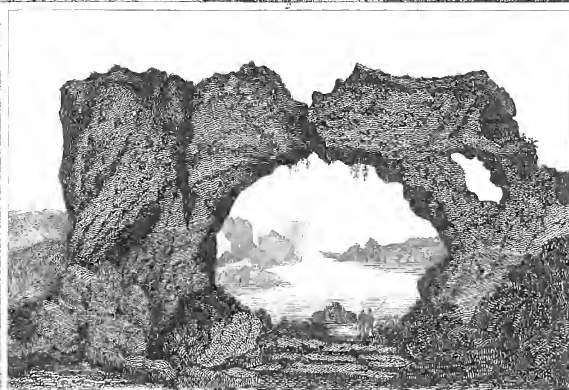
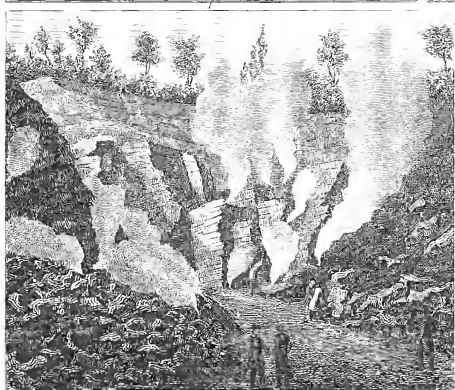
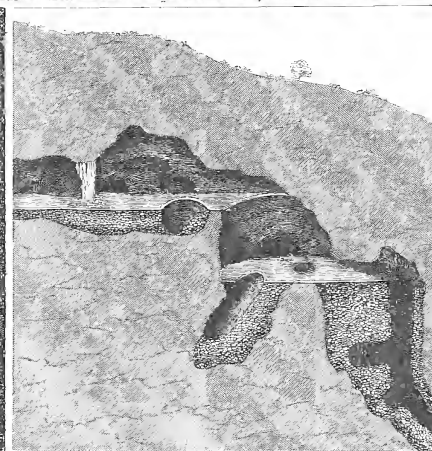
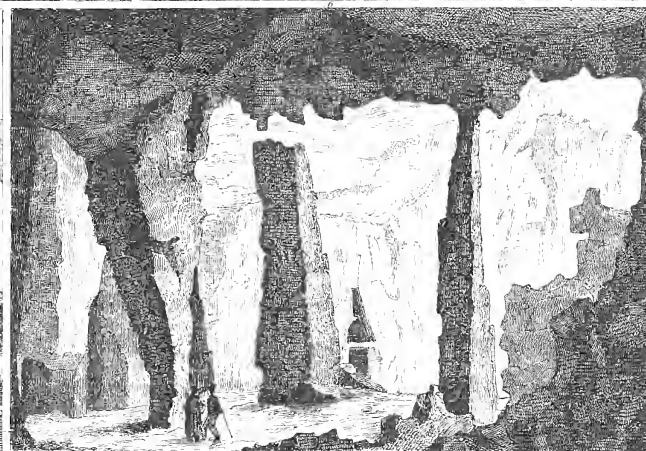
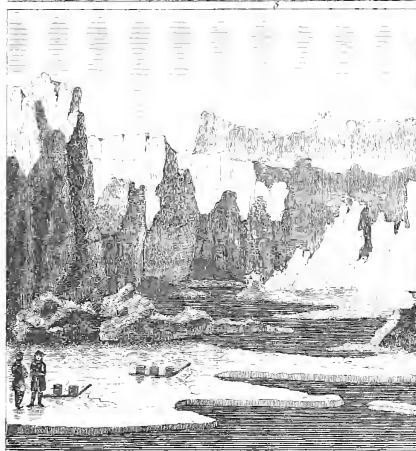
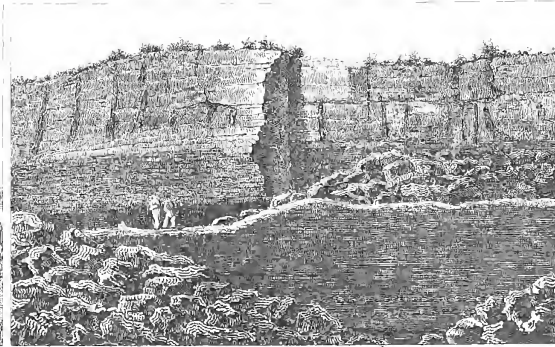
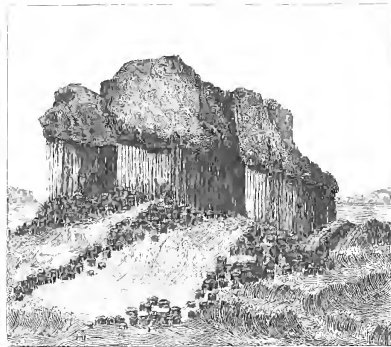
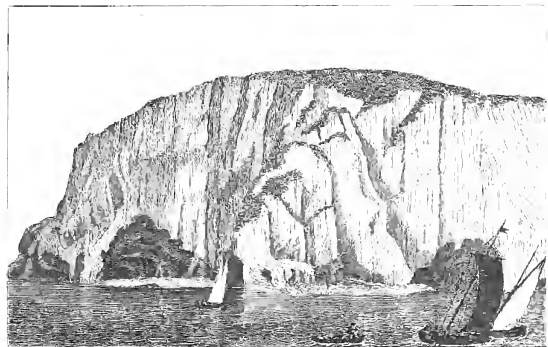


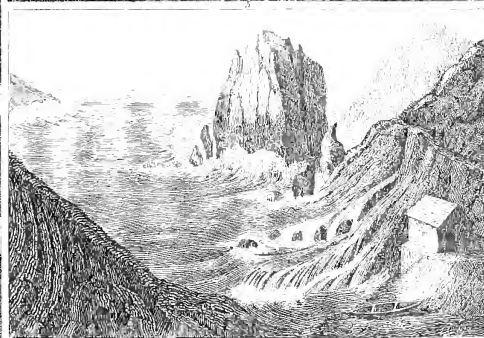
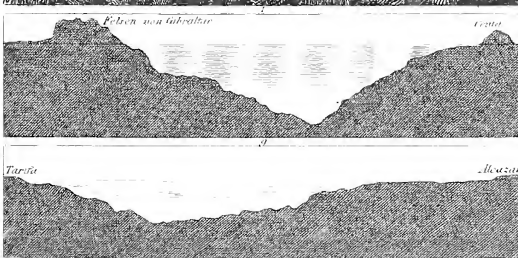
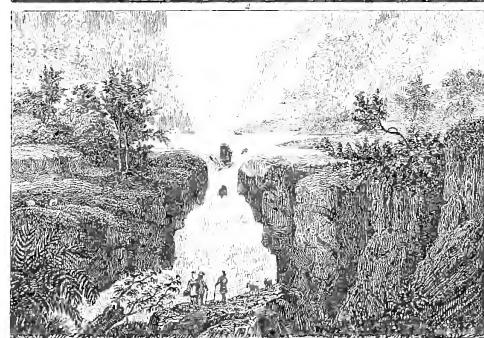
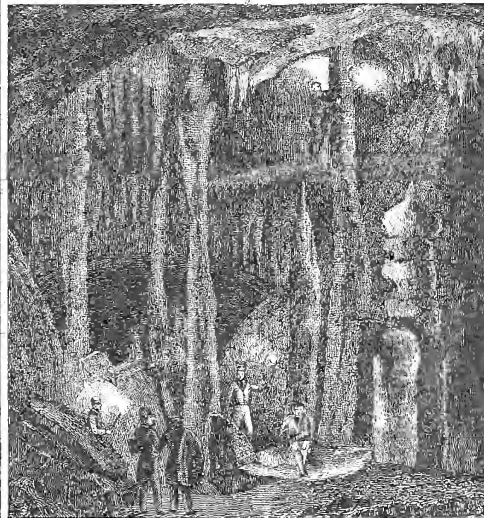
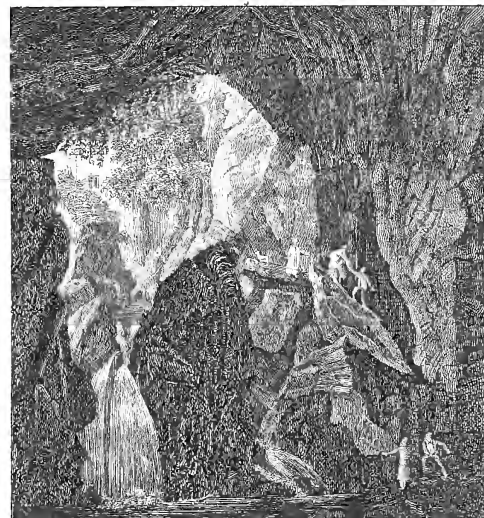
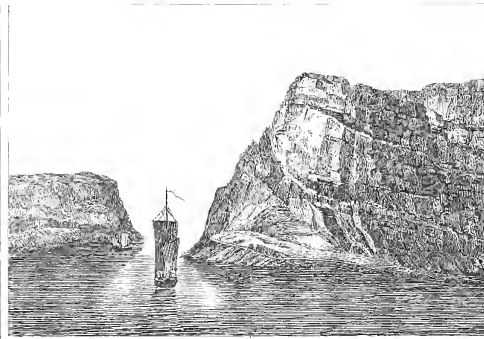


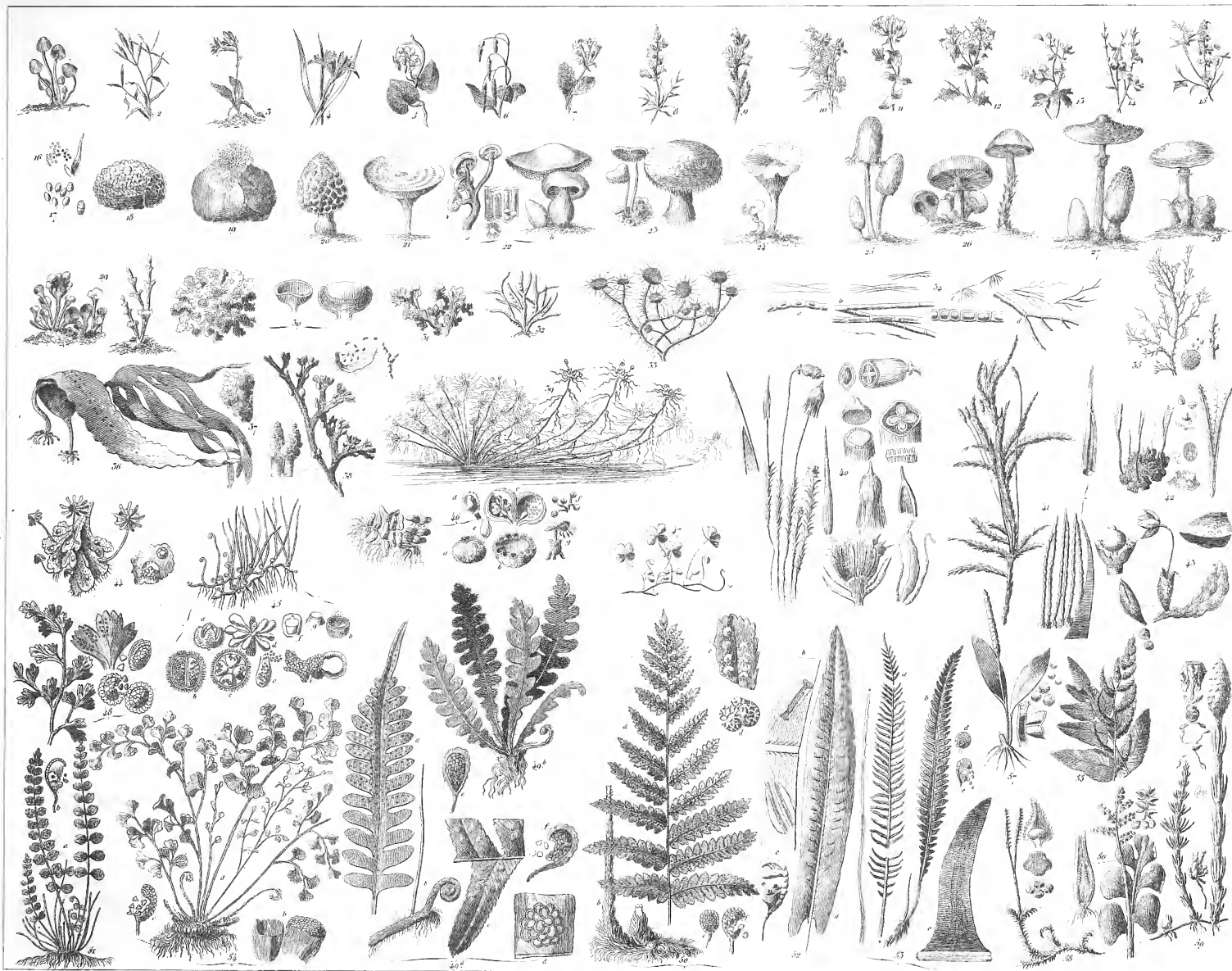


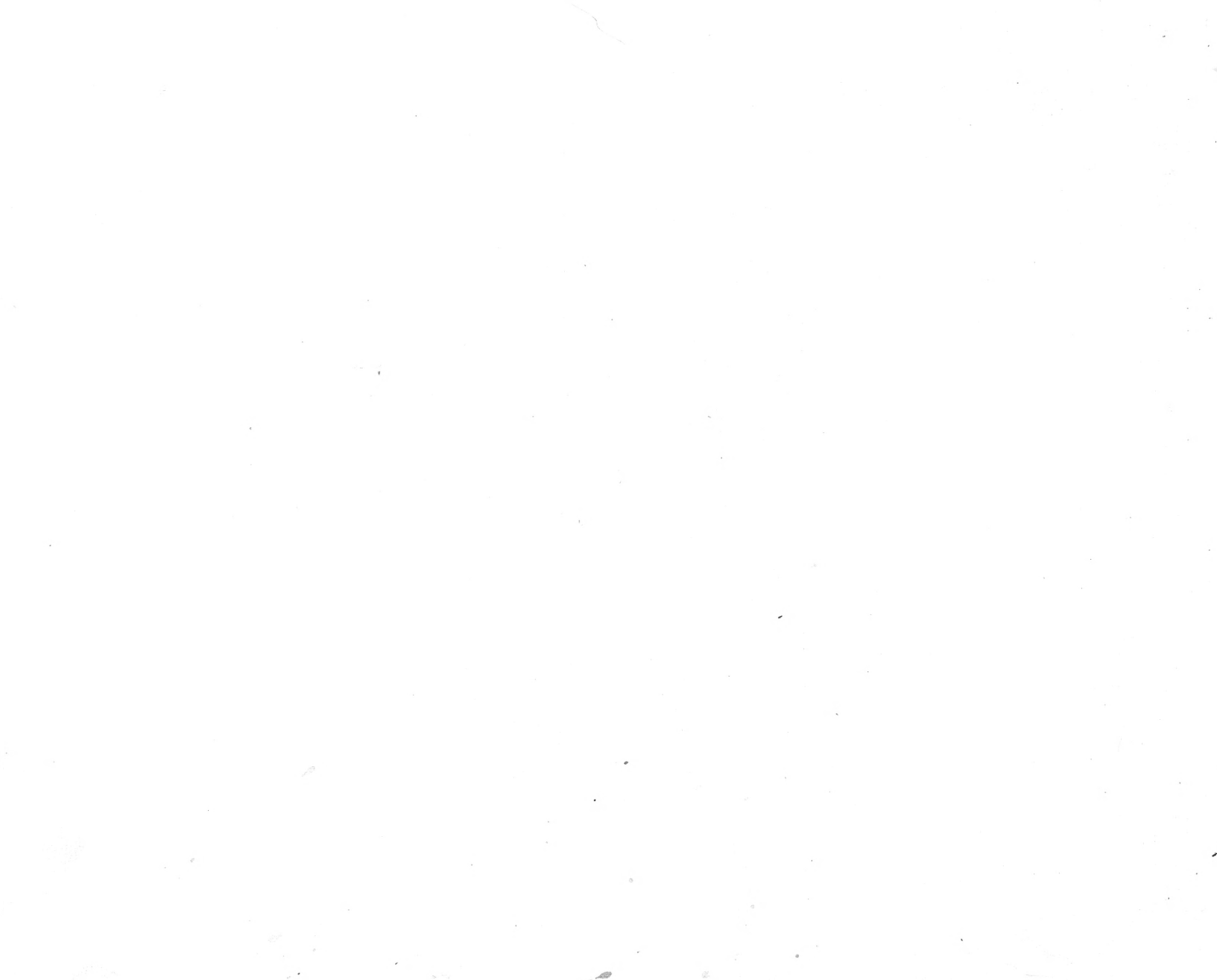




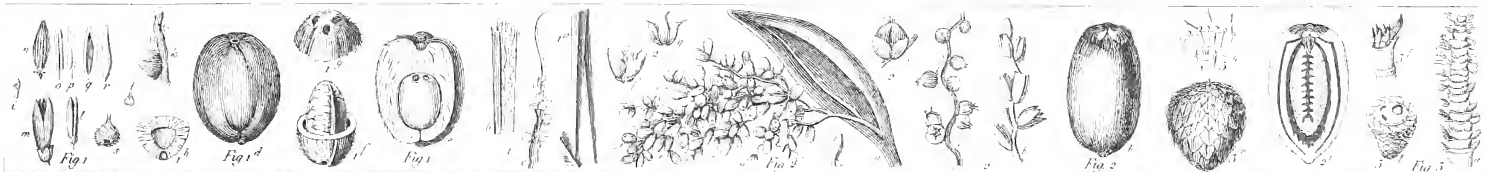


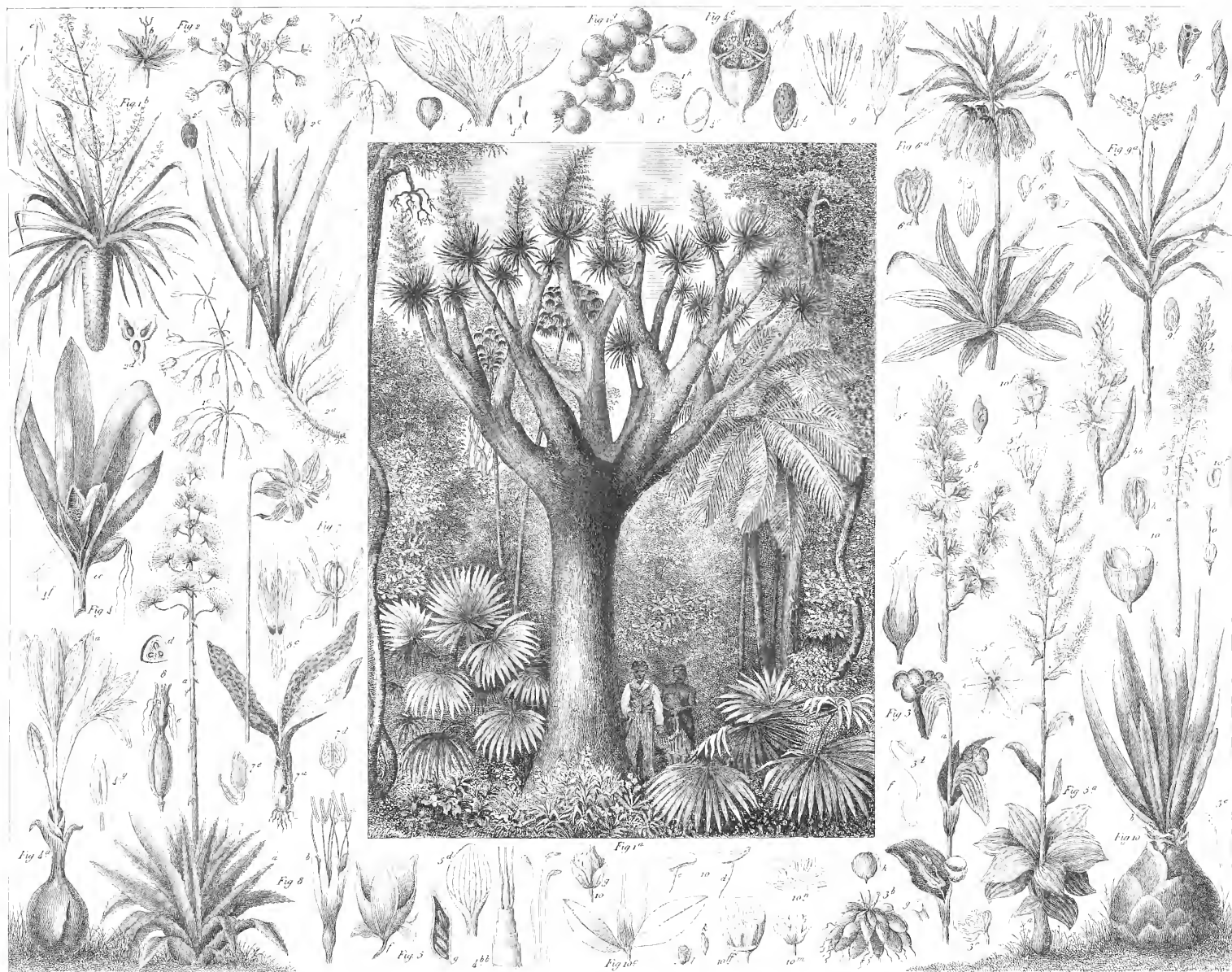


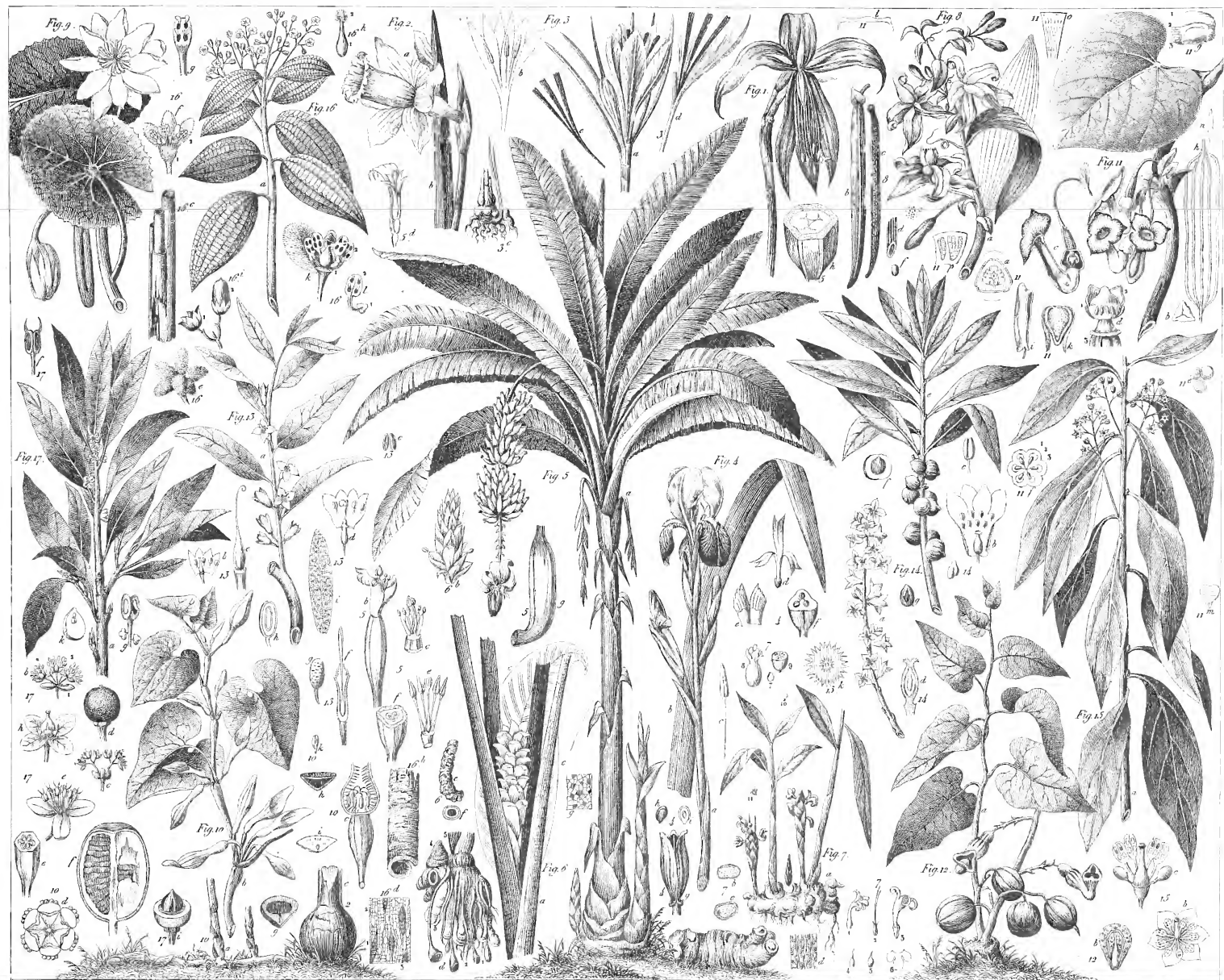










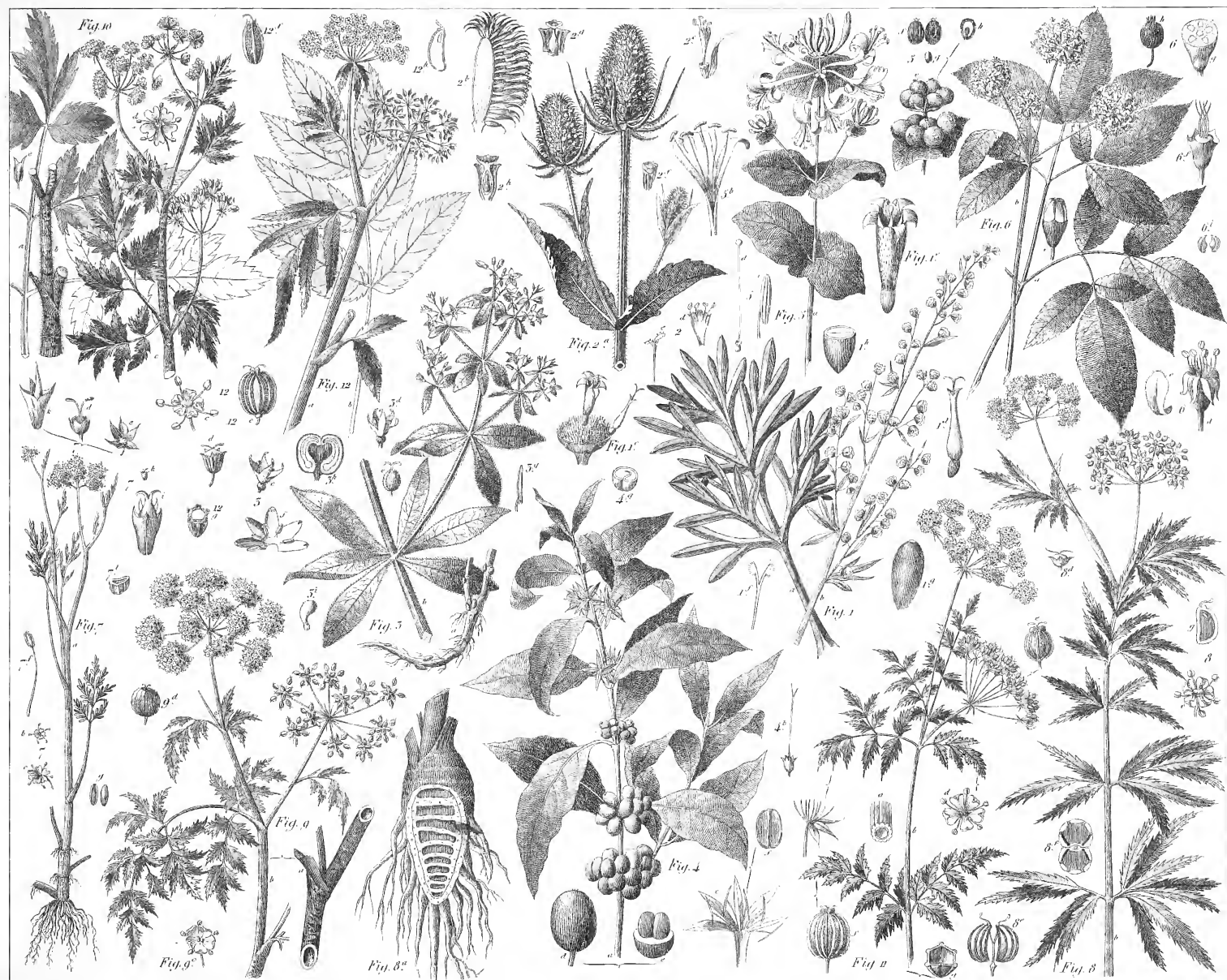


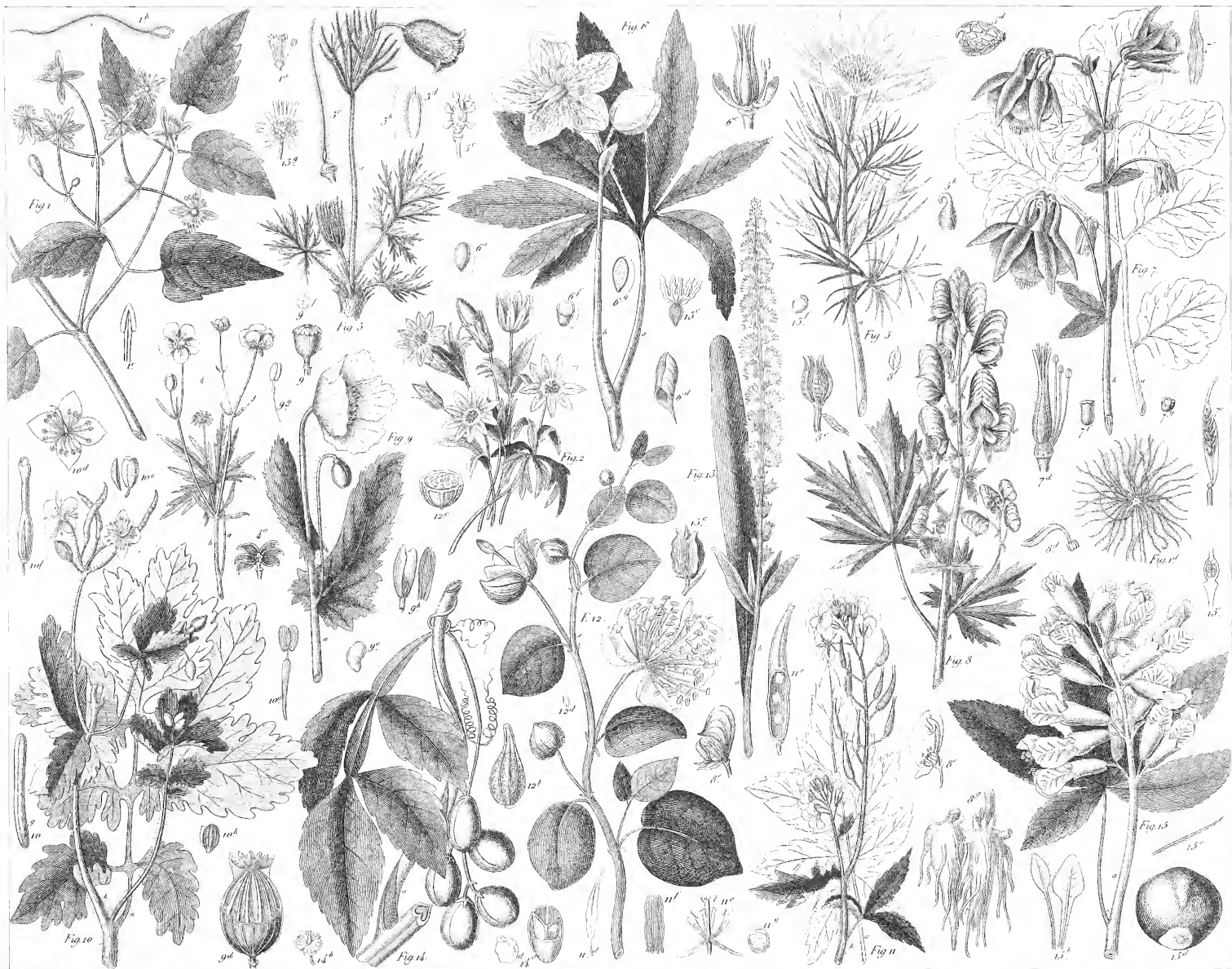


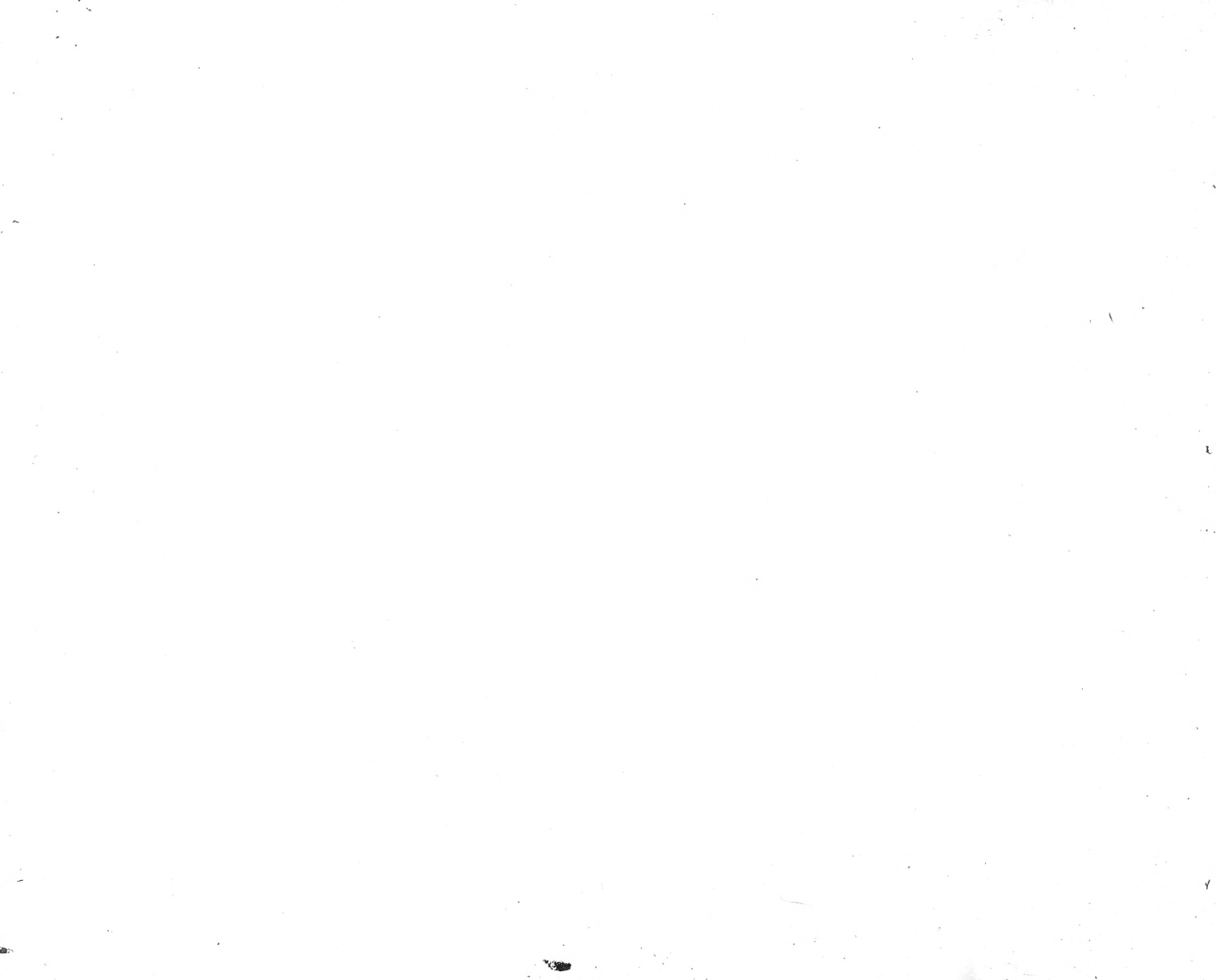




















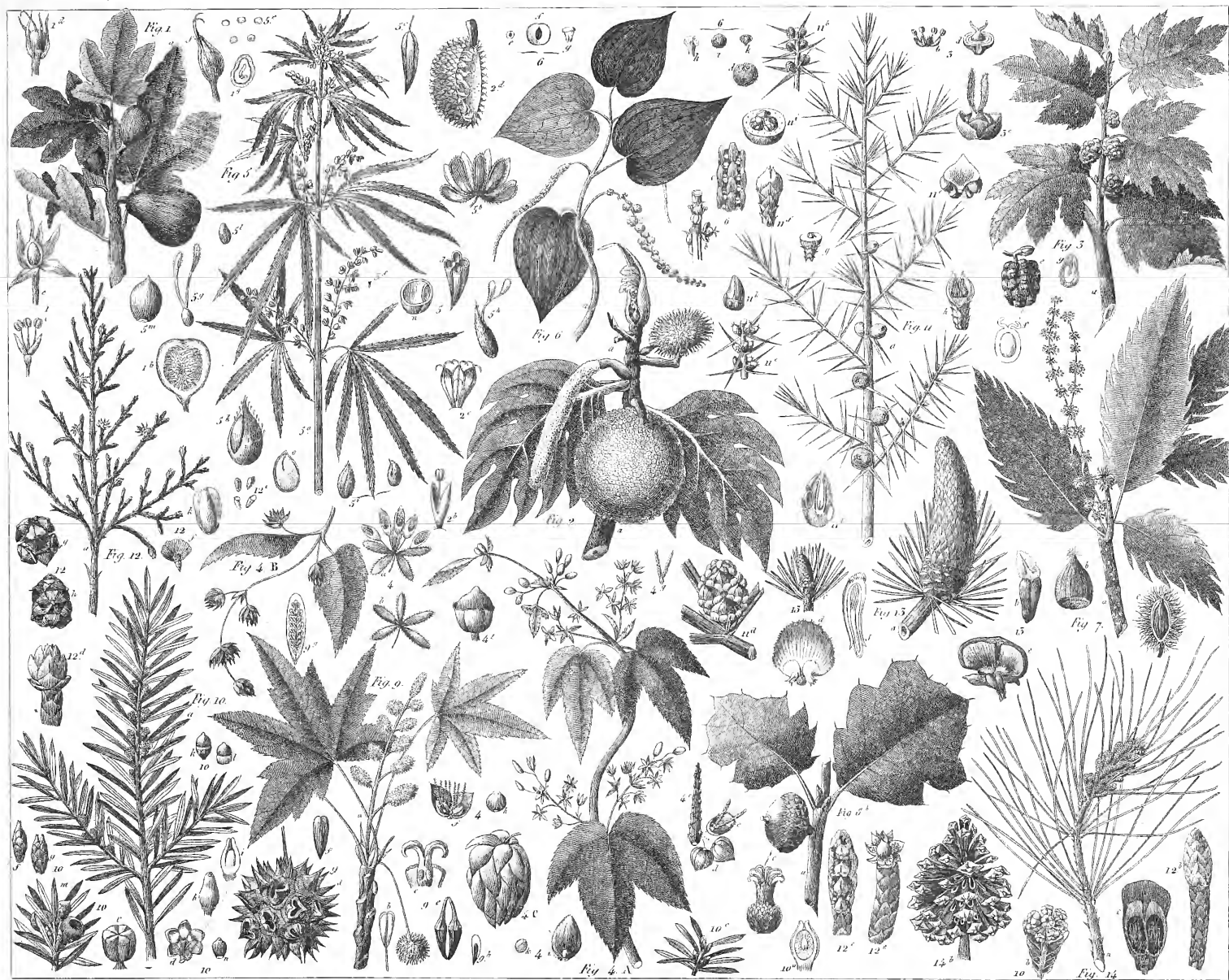


Fig. 1

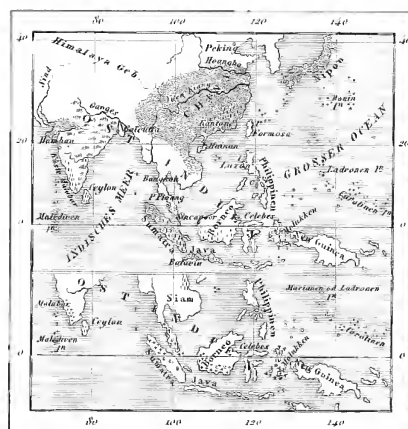
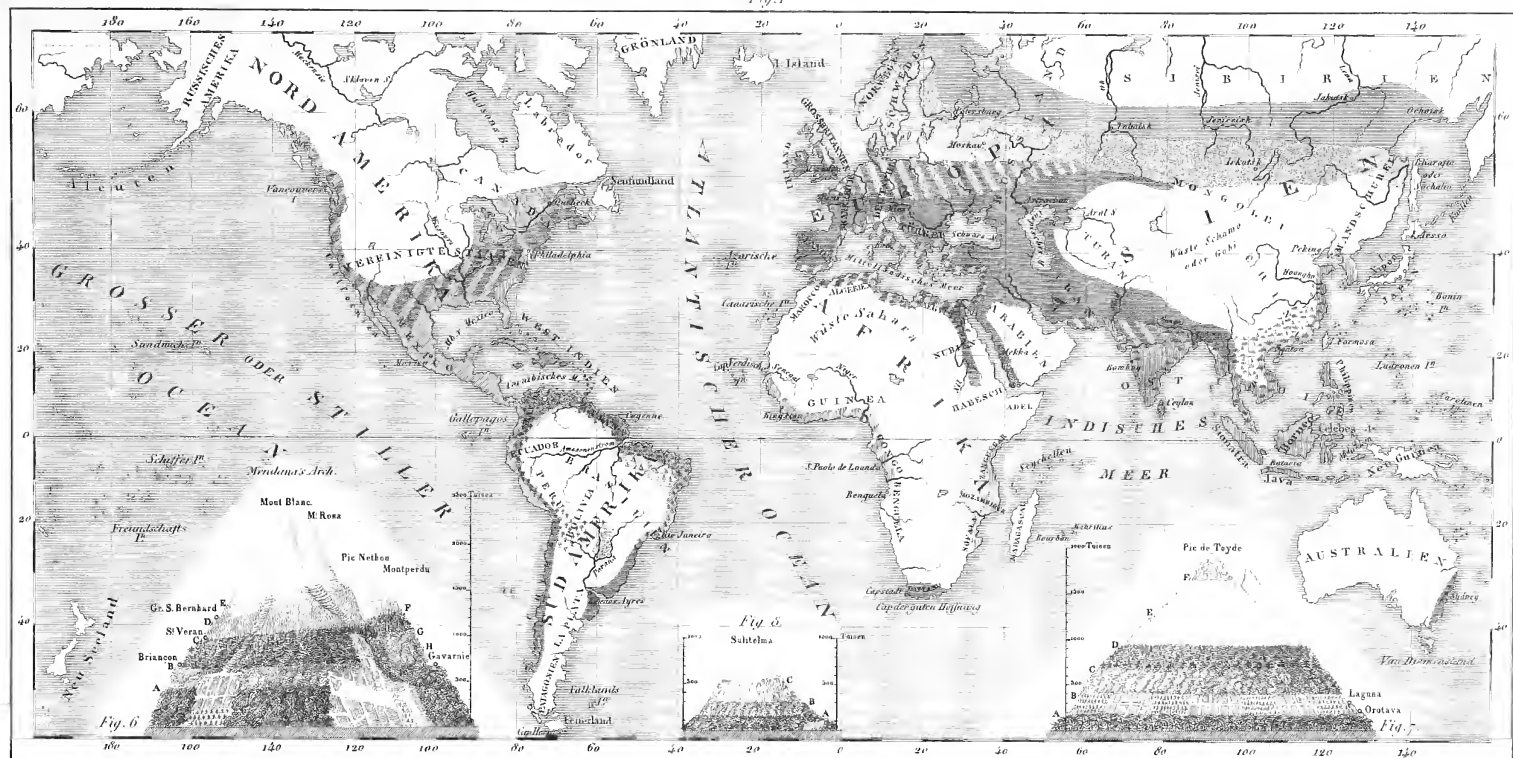


Fig. 2.

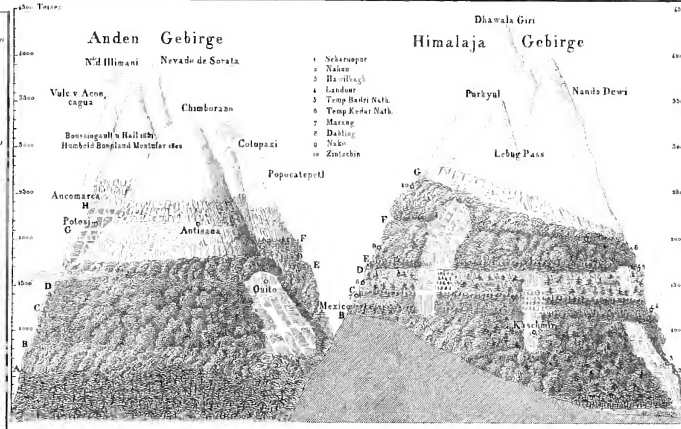


Fig. 3.

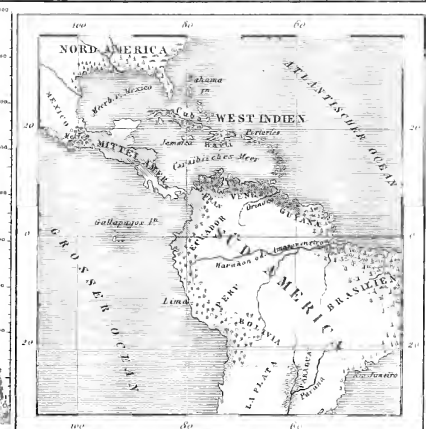
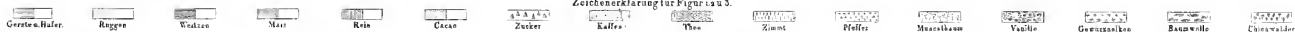


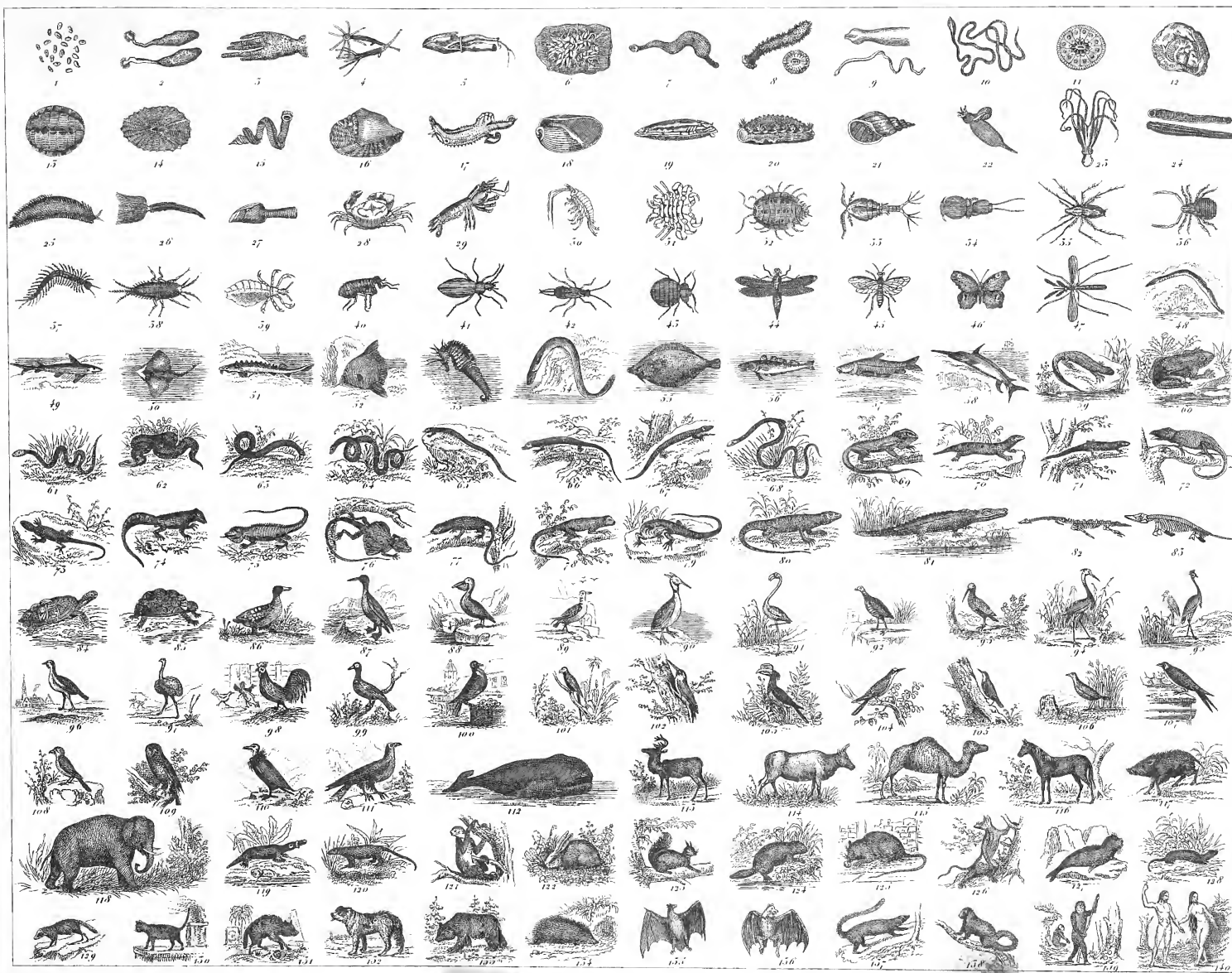
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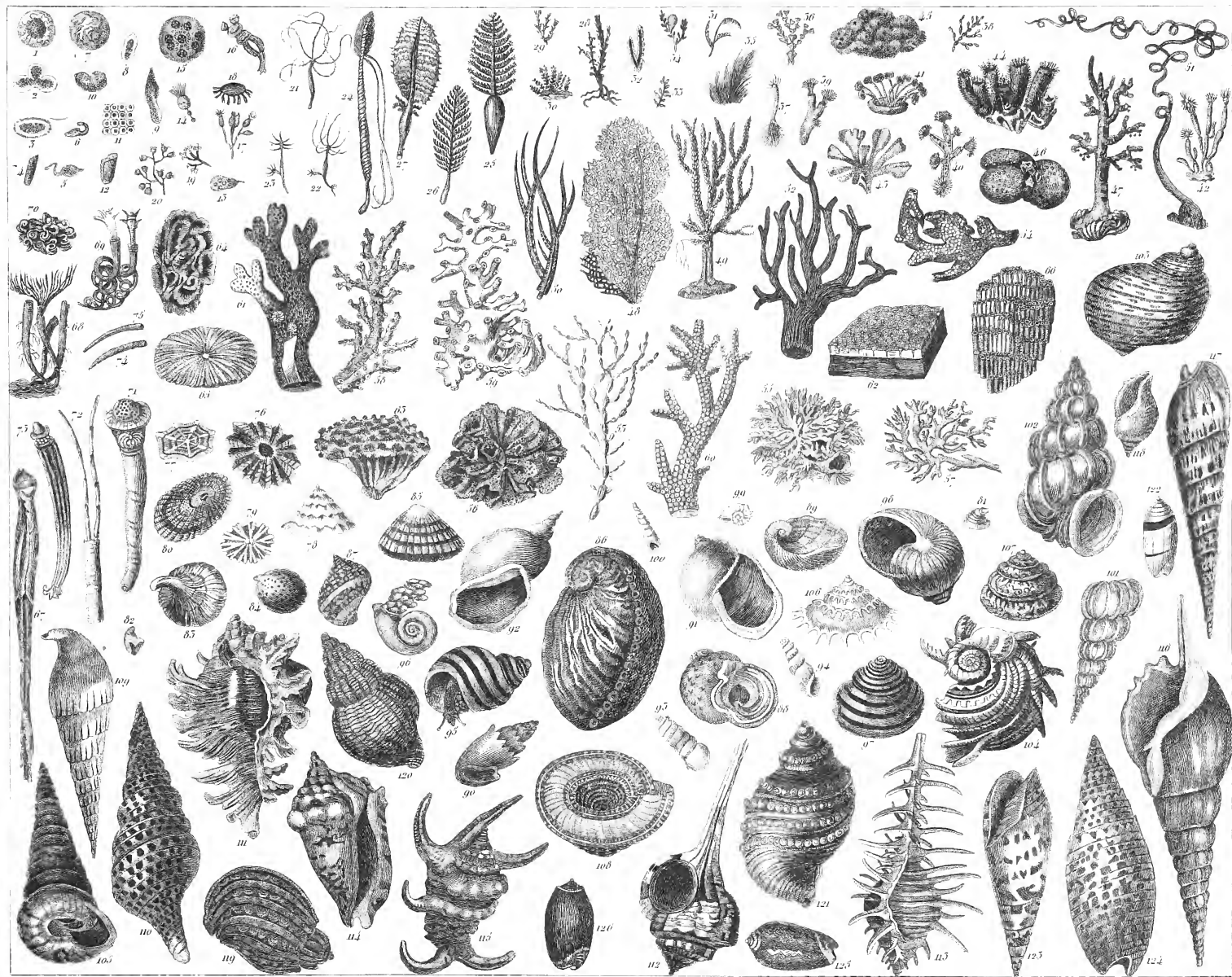


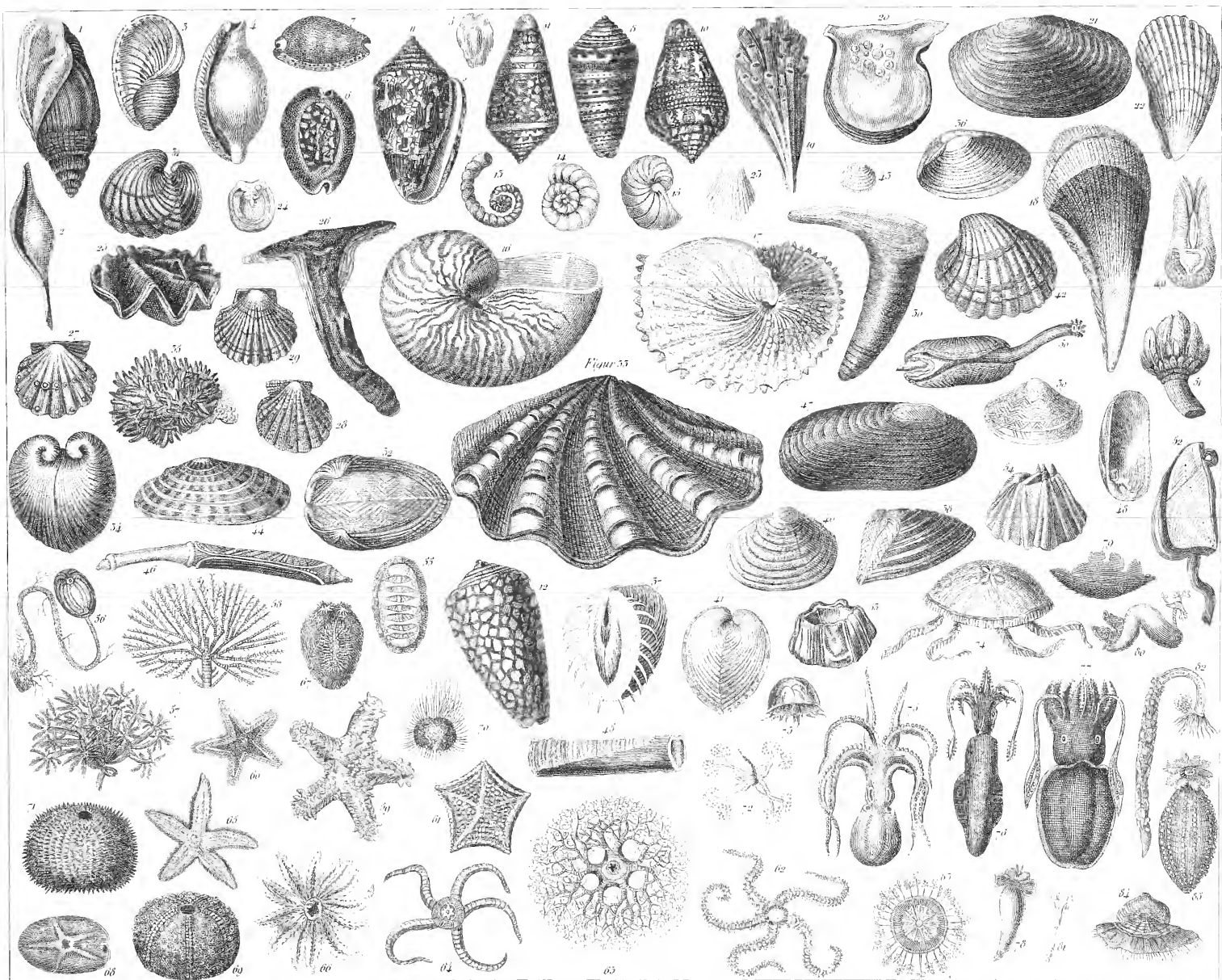
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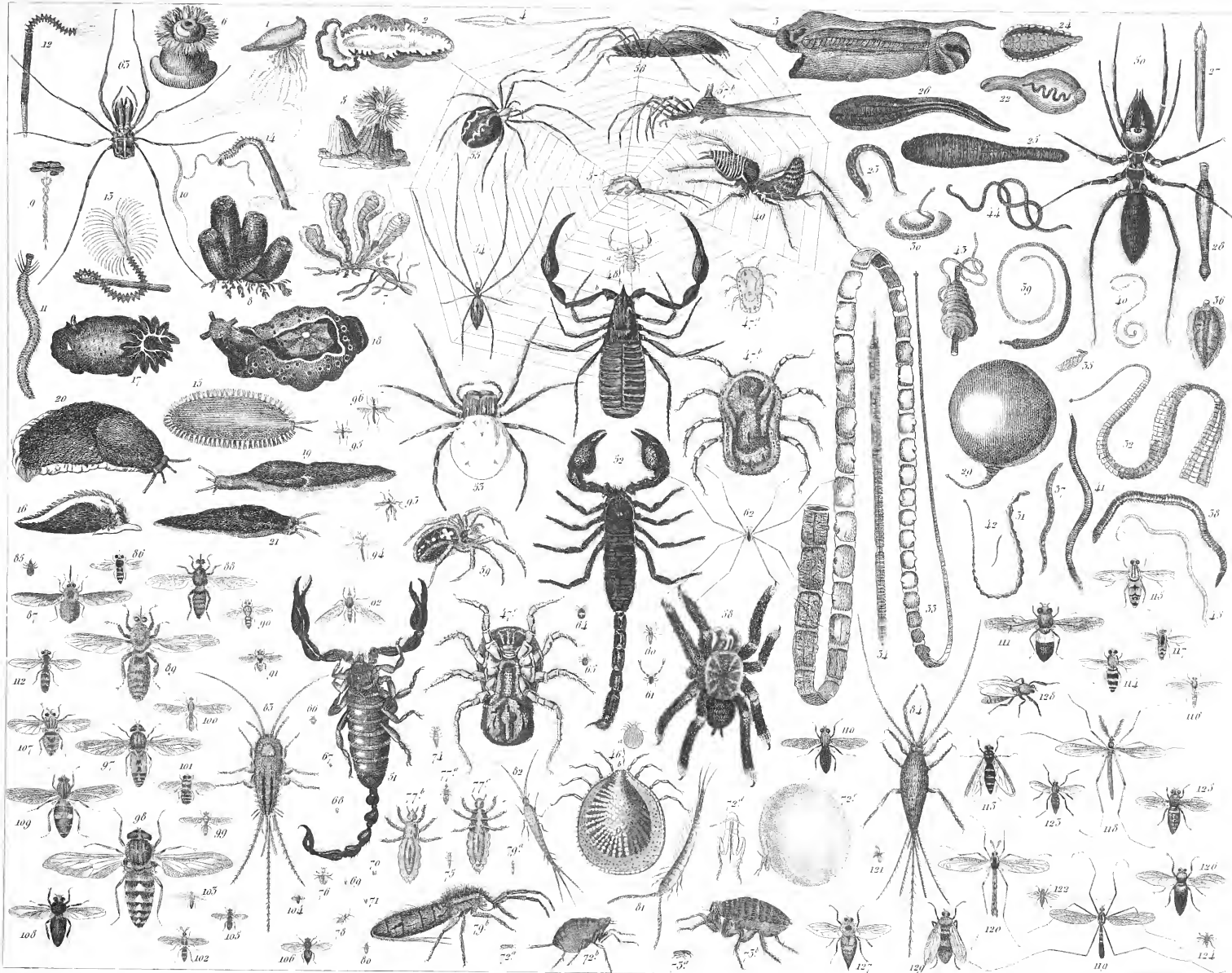
Zeichenerklärung für Figuren 3.

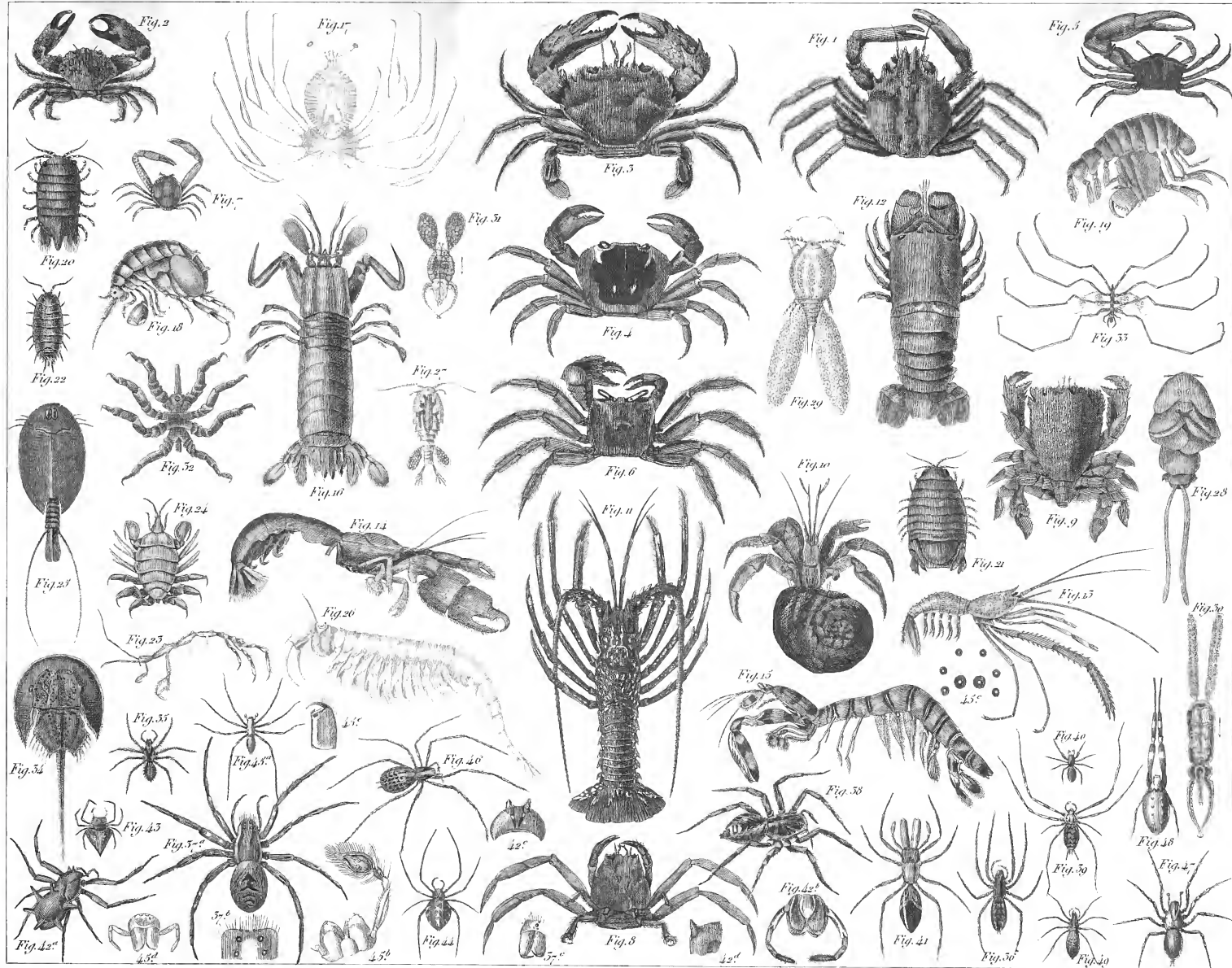


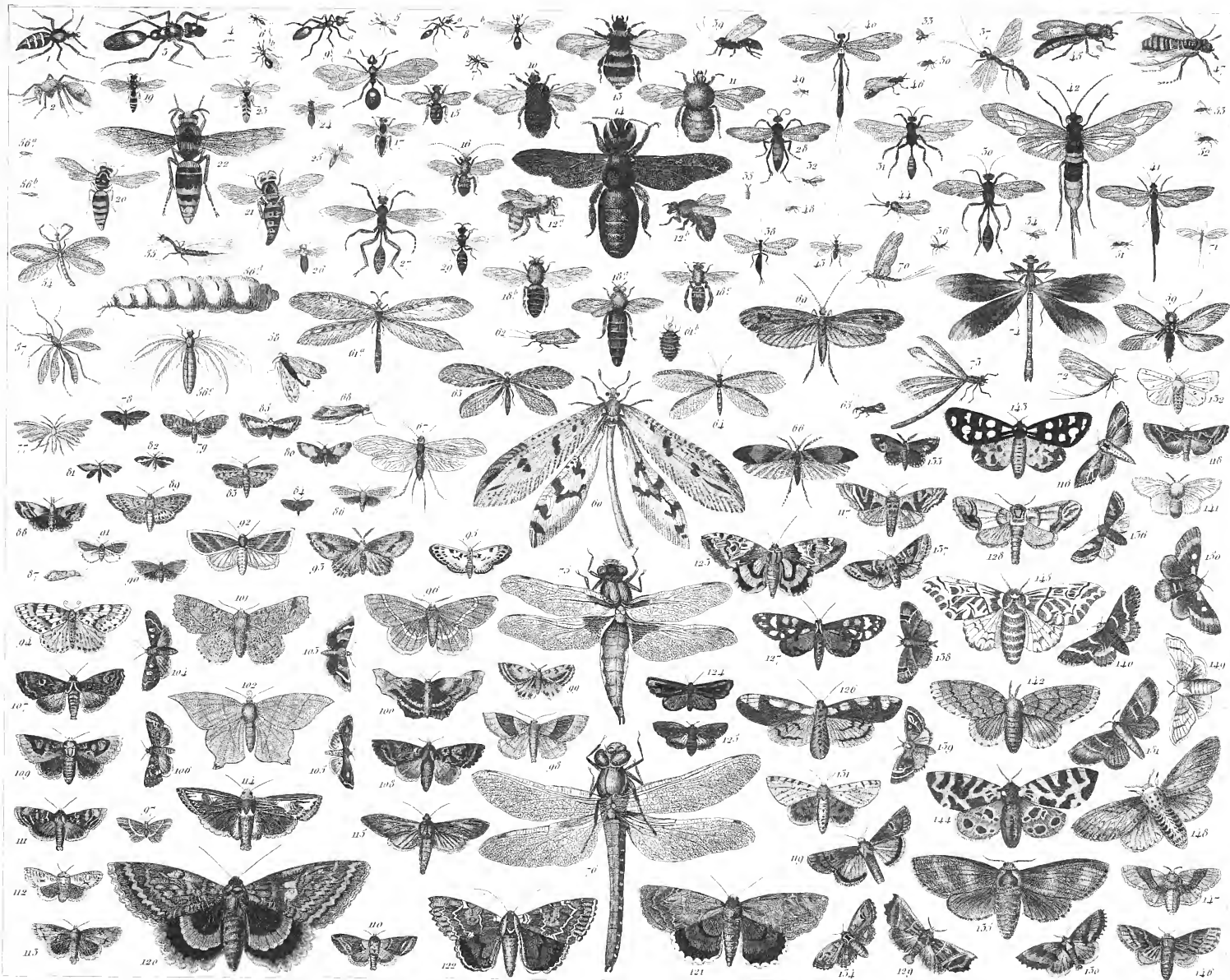


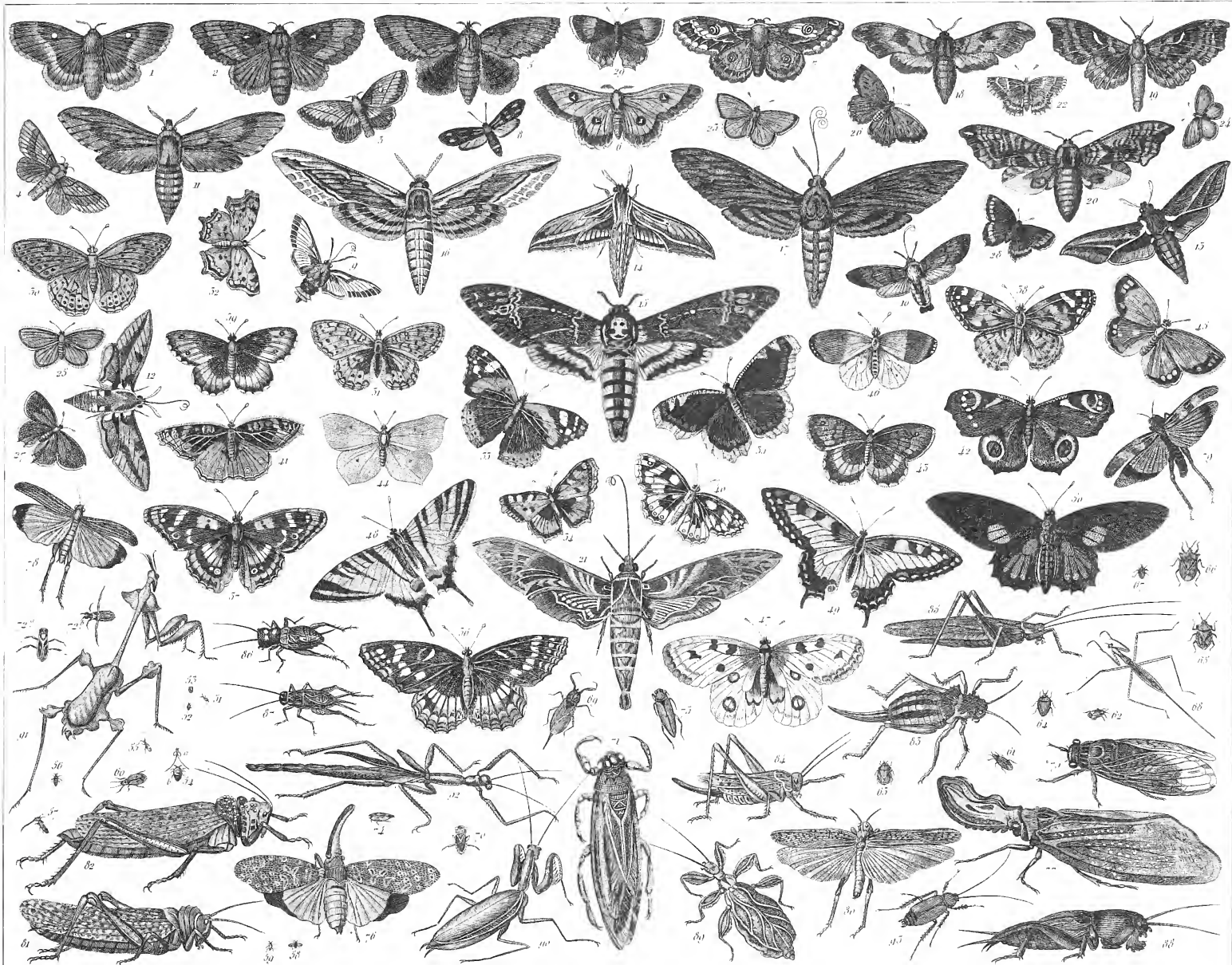


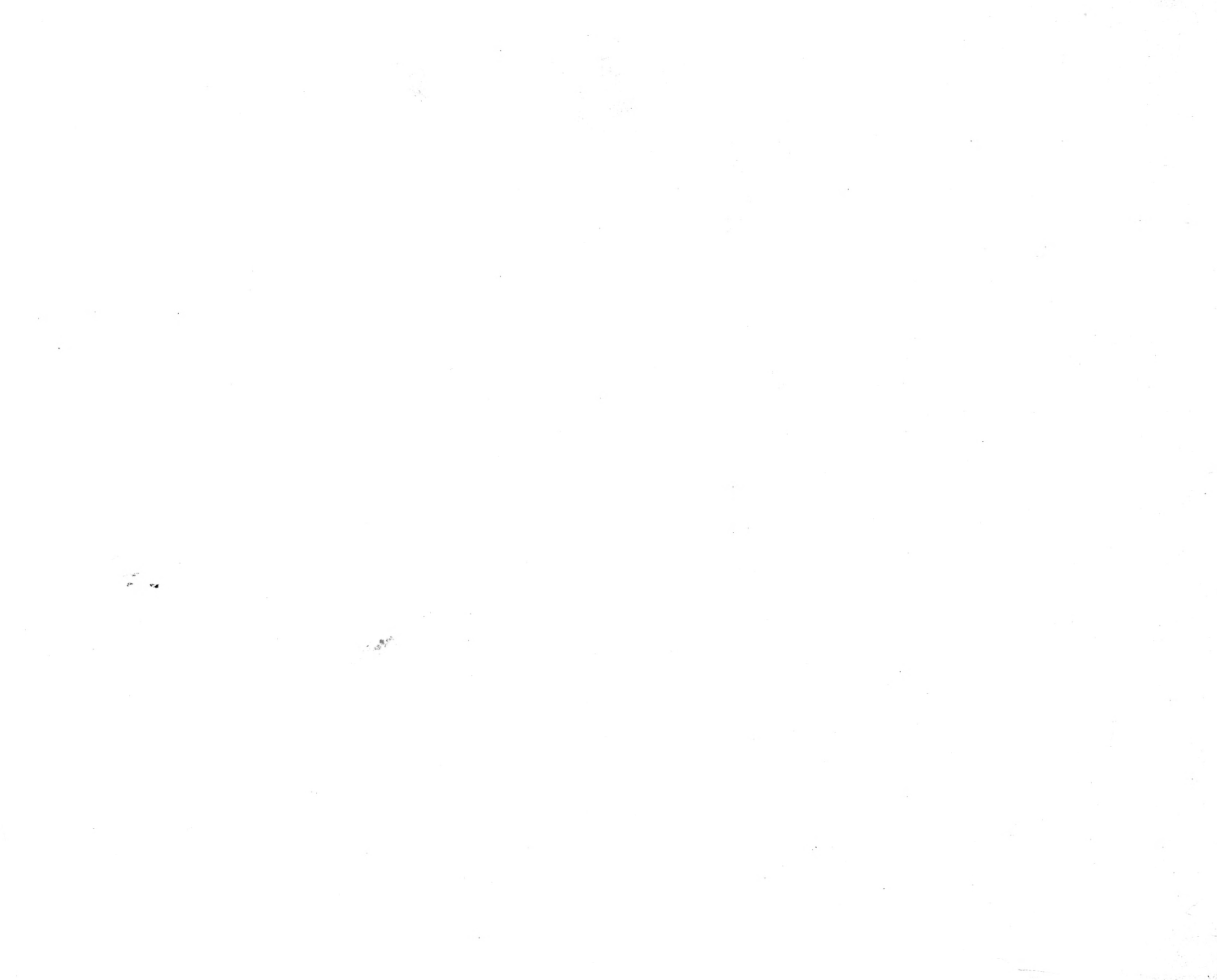


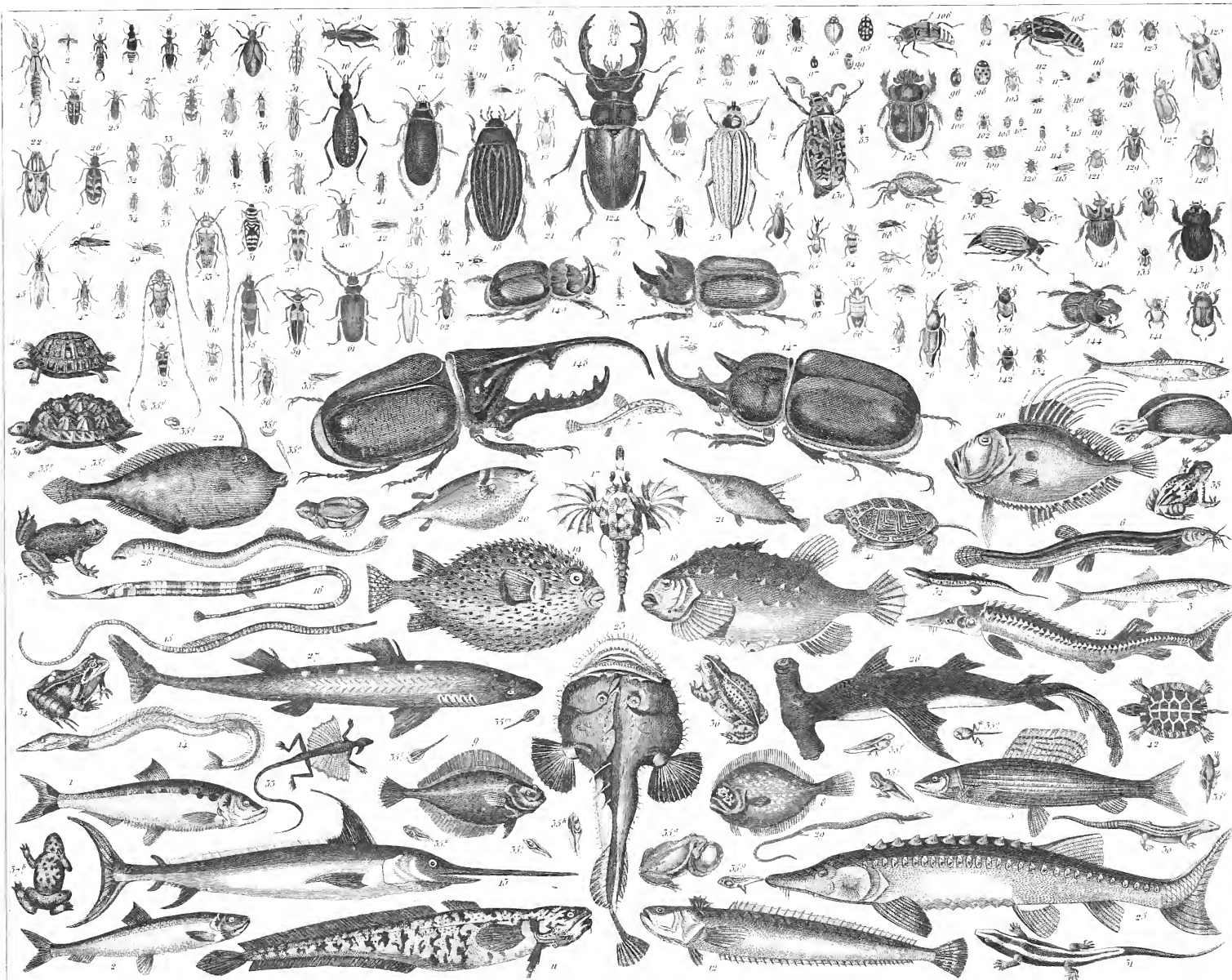


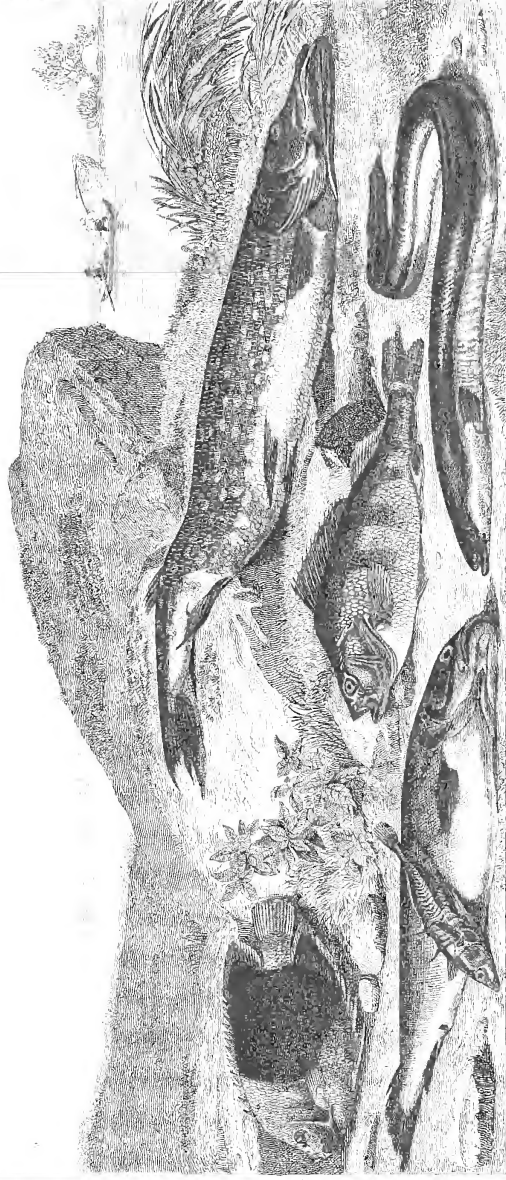
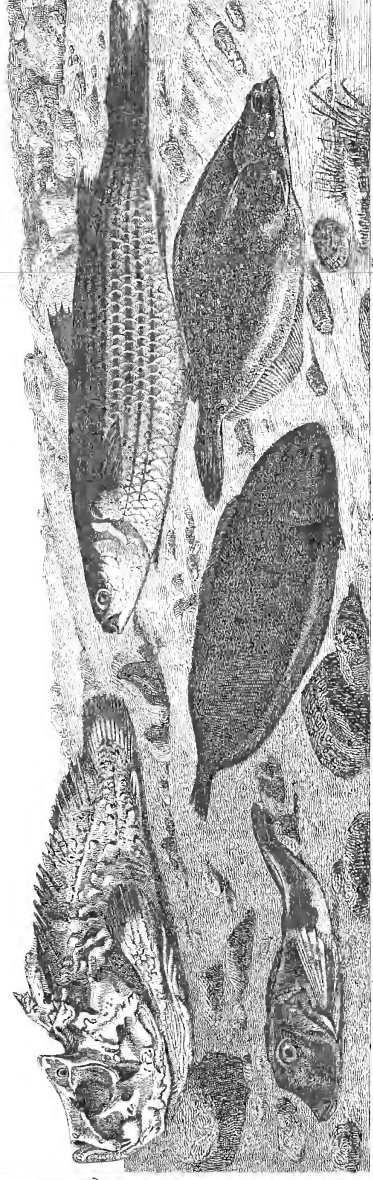


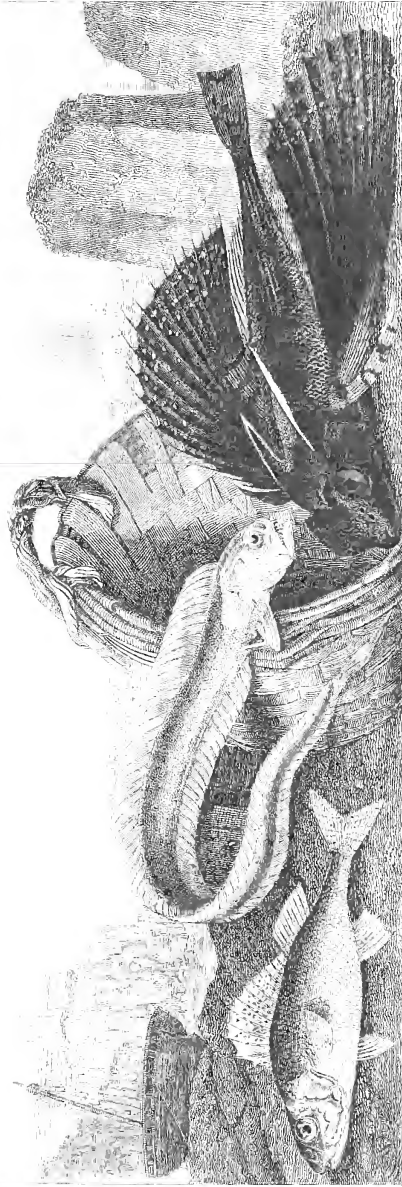
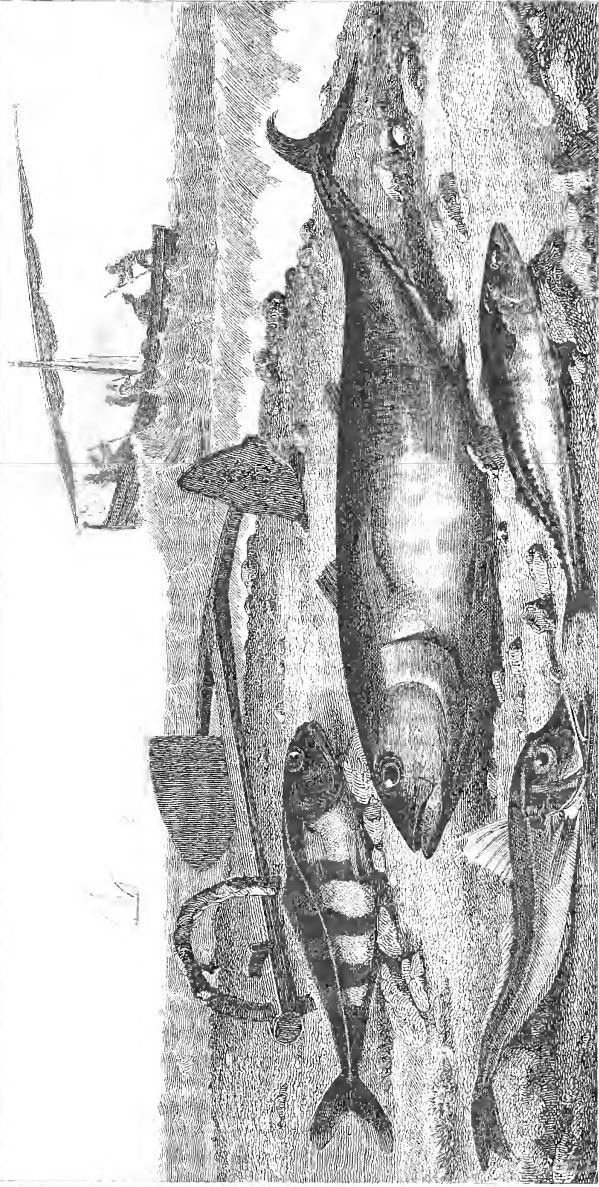
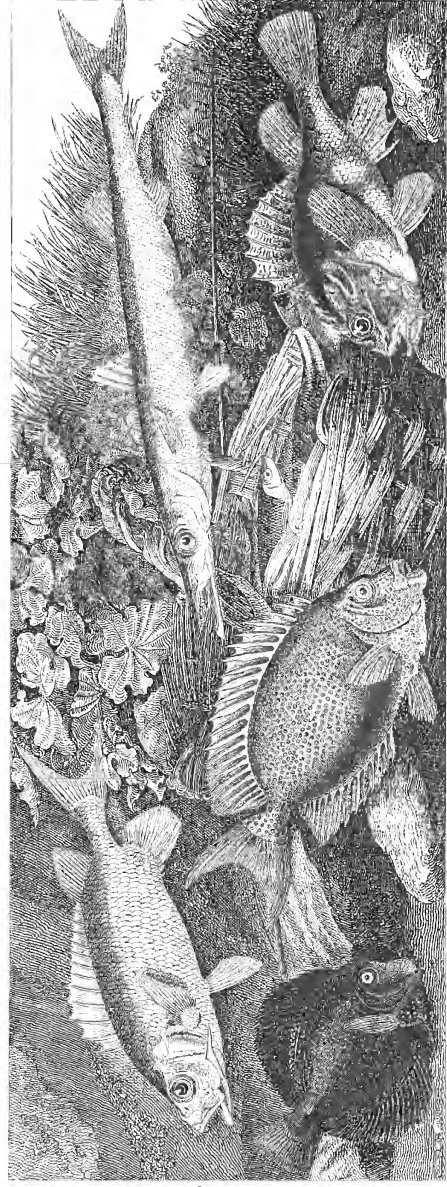


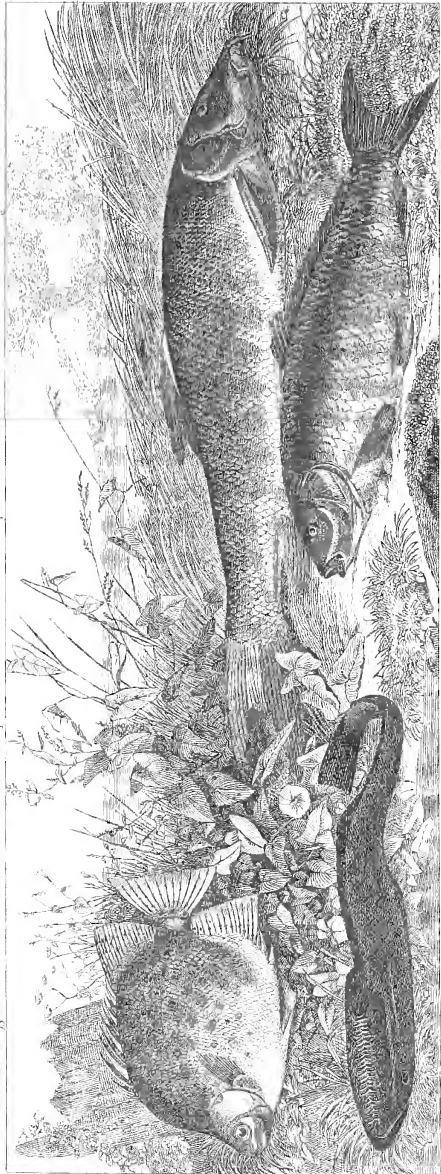
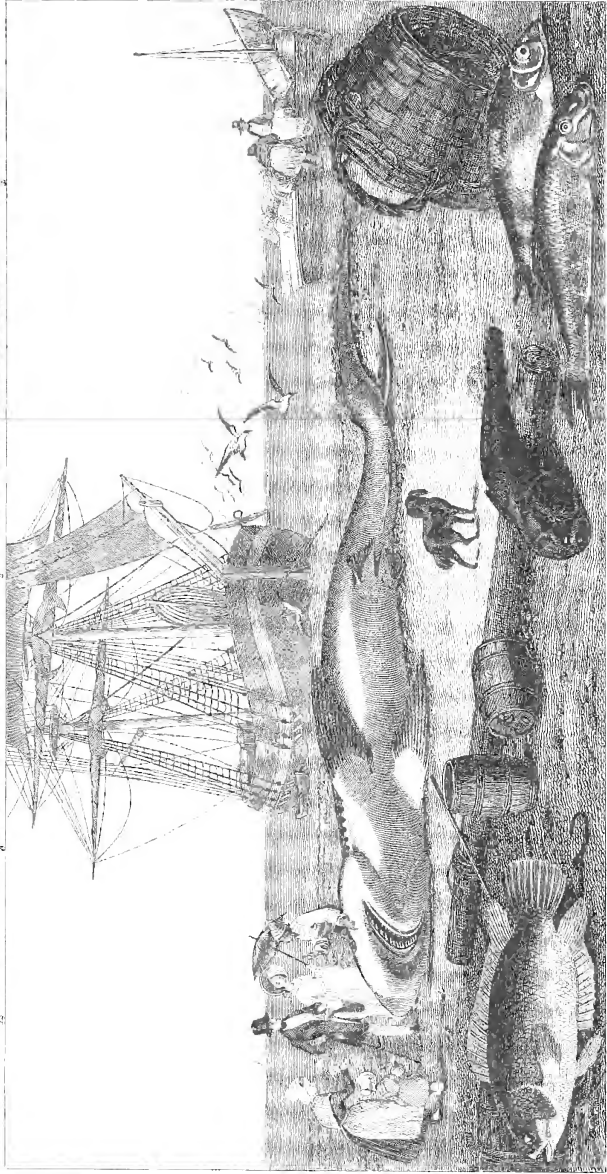
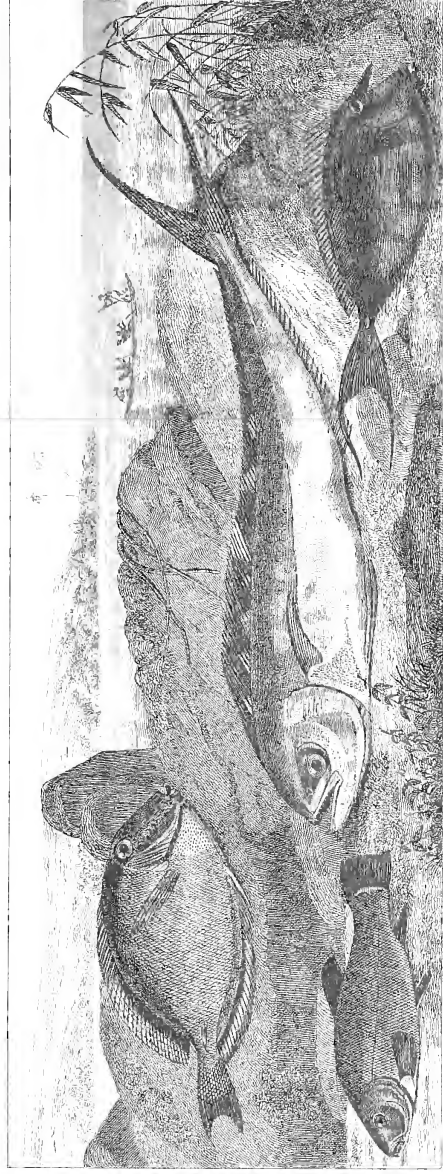


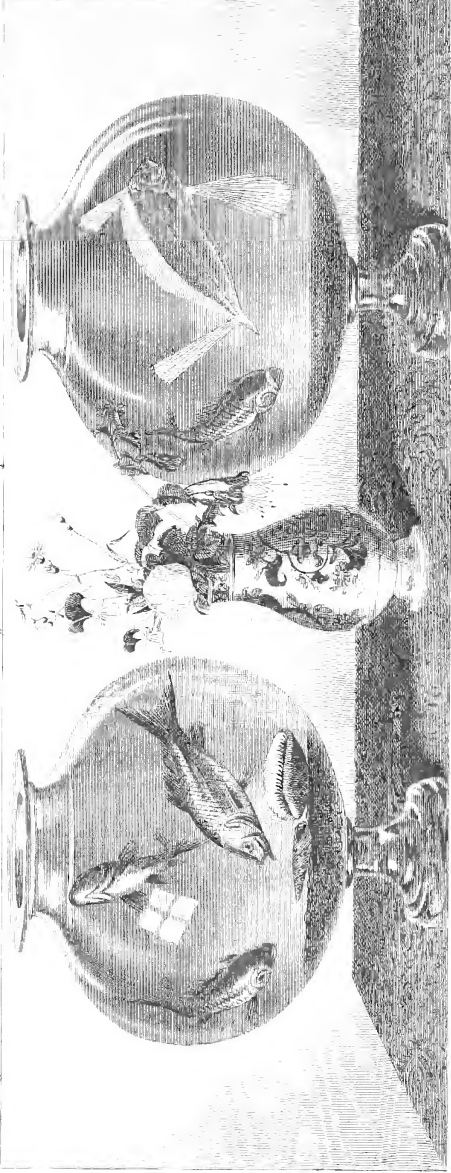
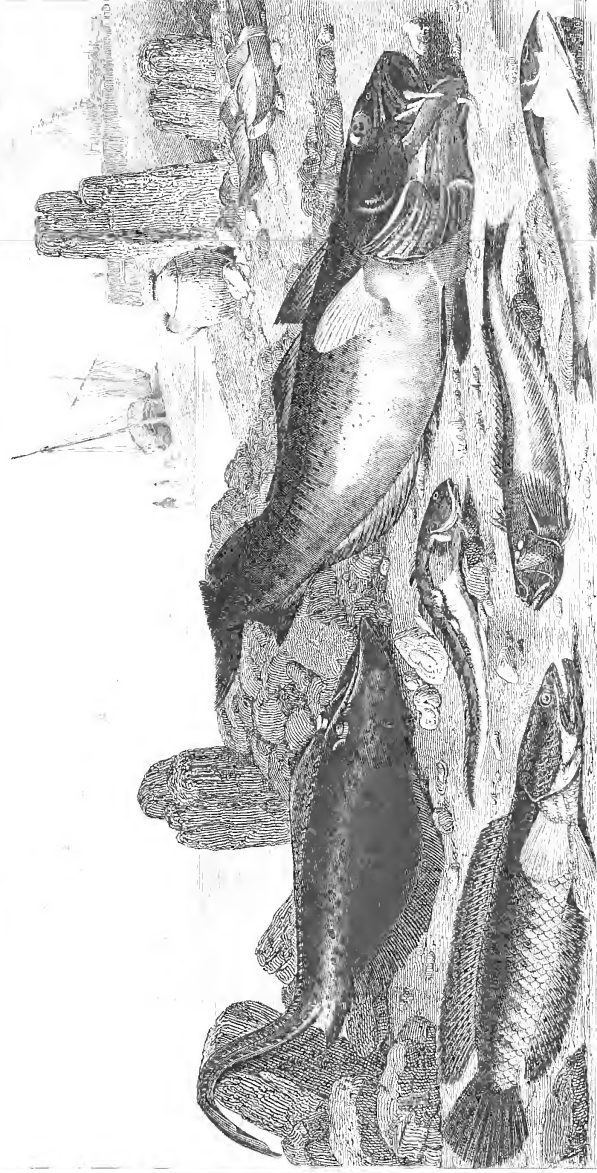
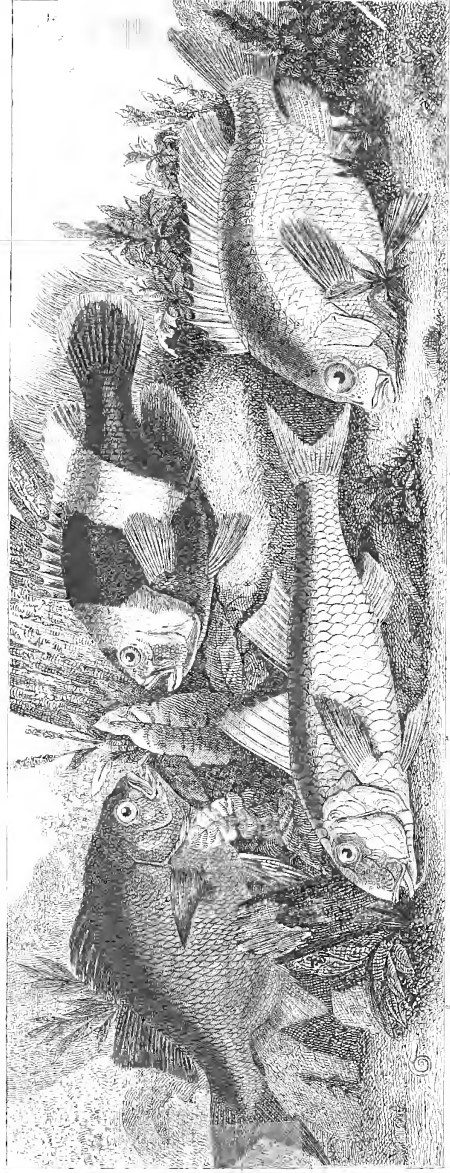


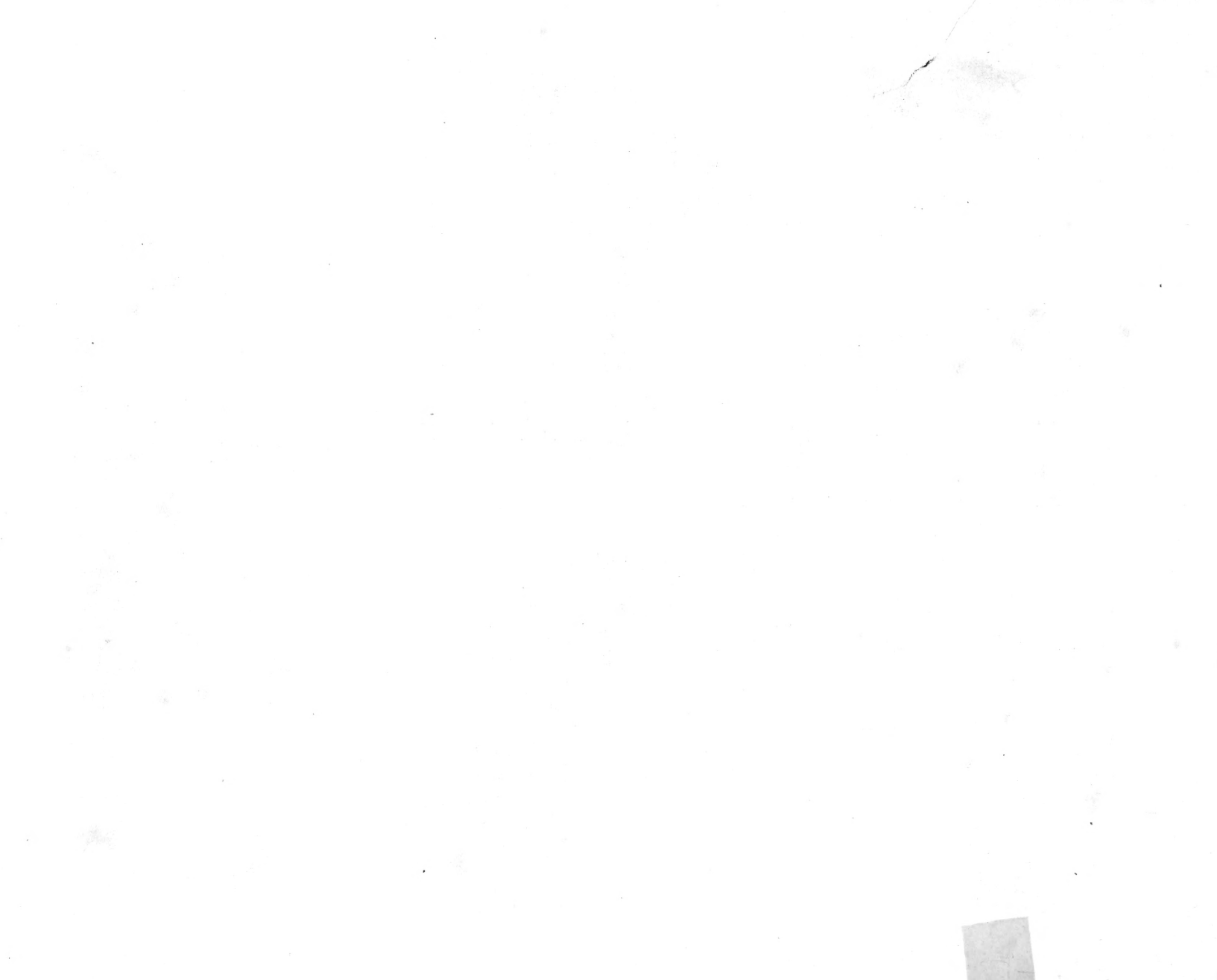


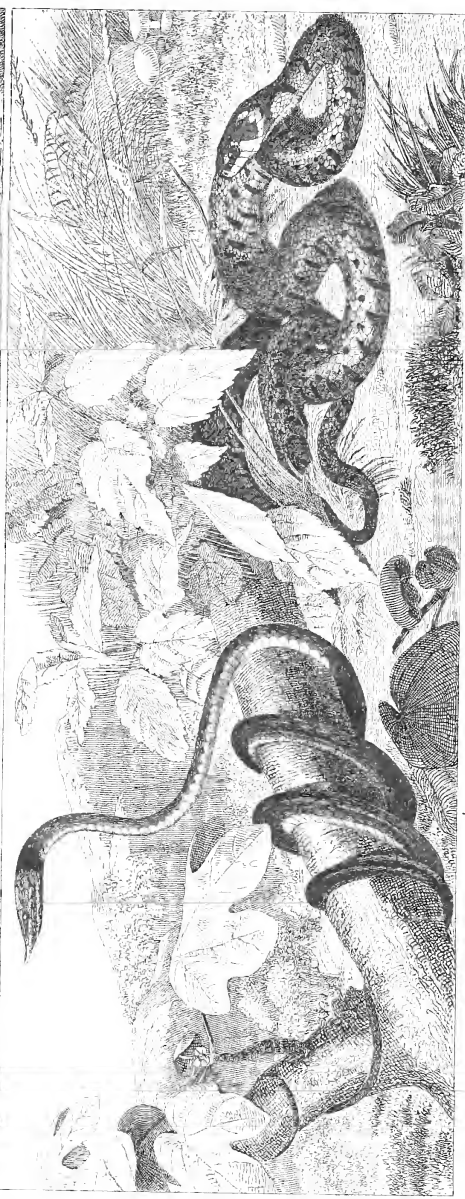
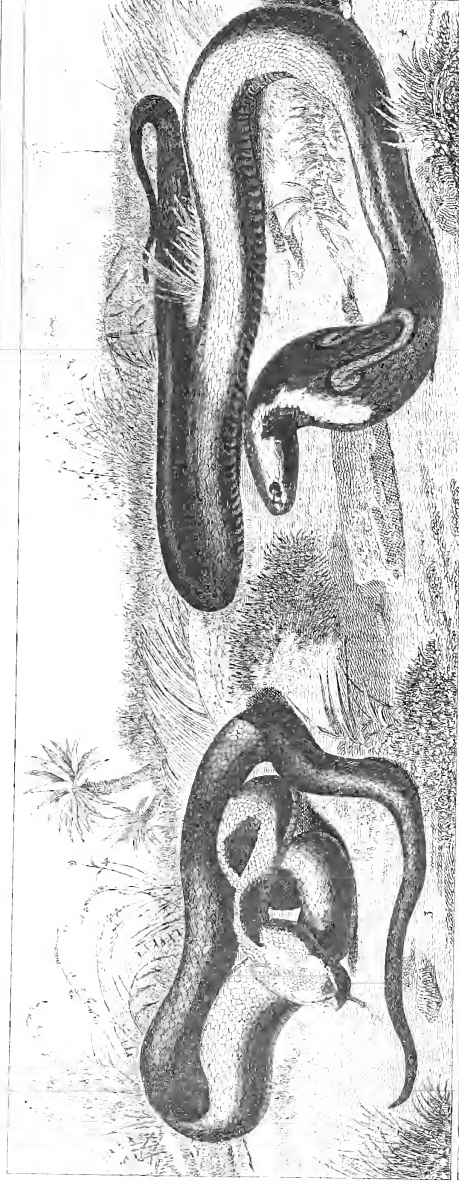


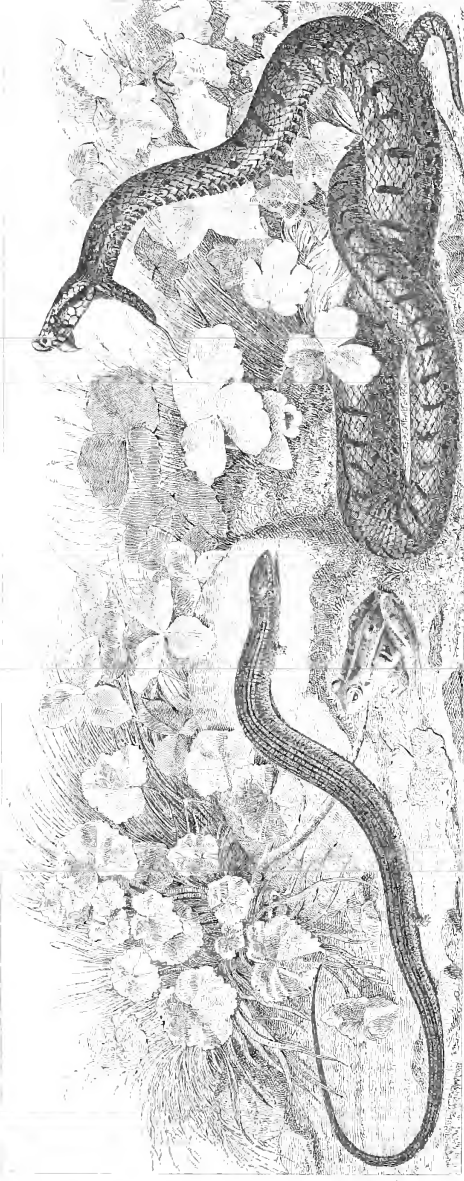




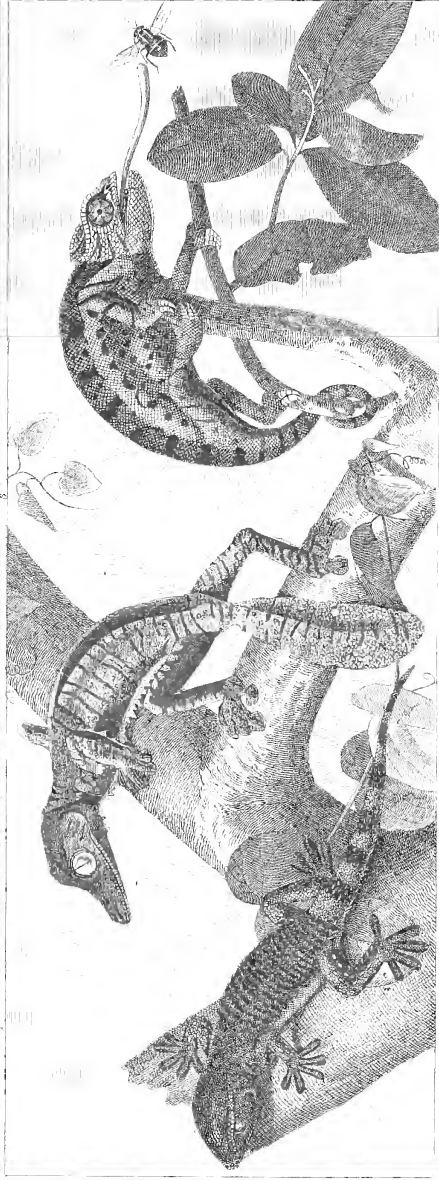
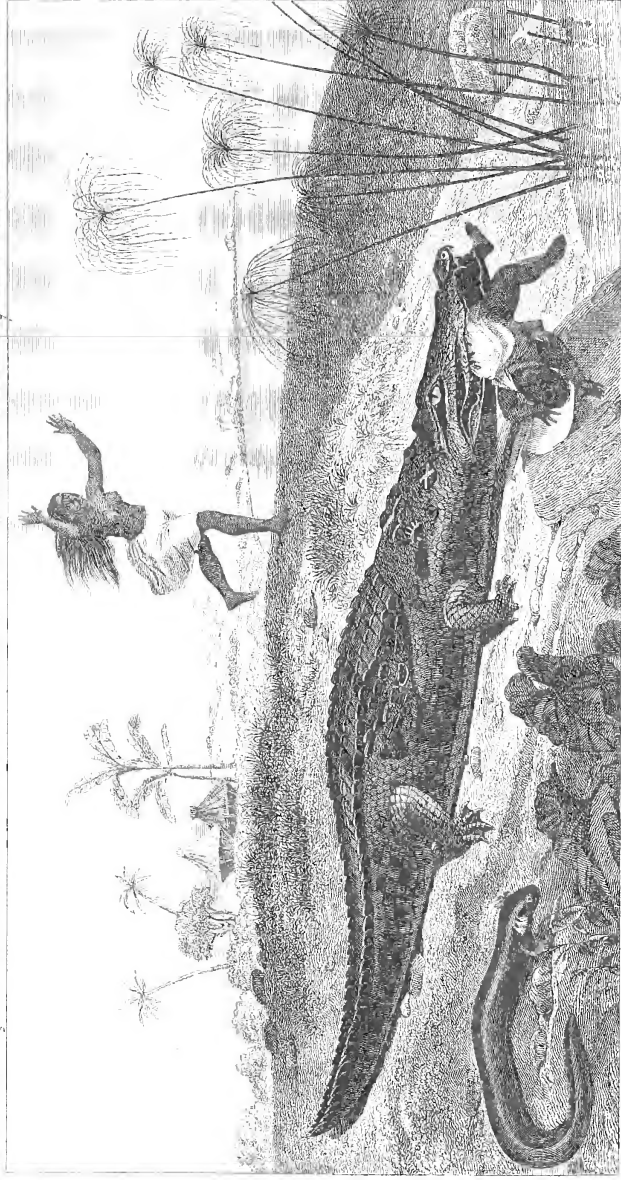
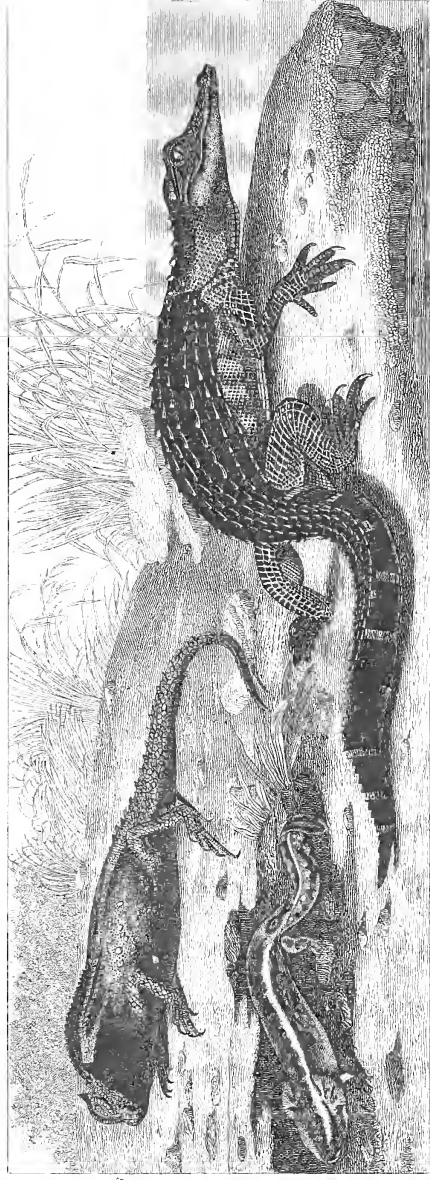


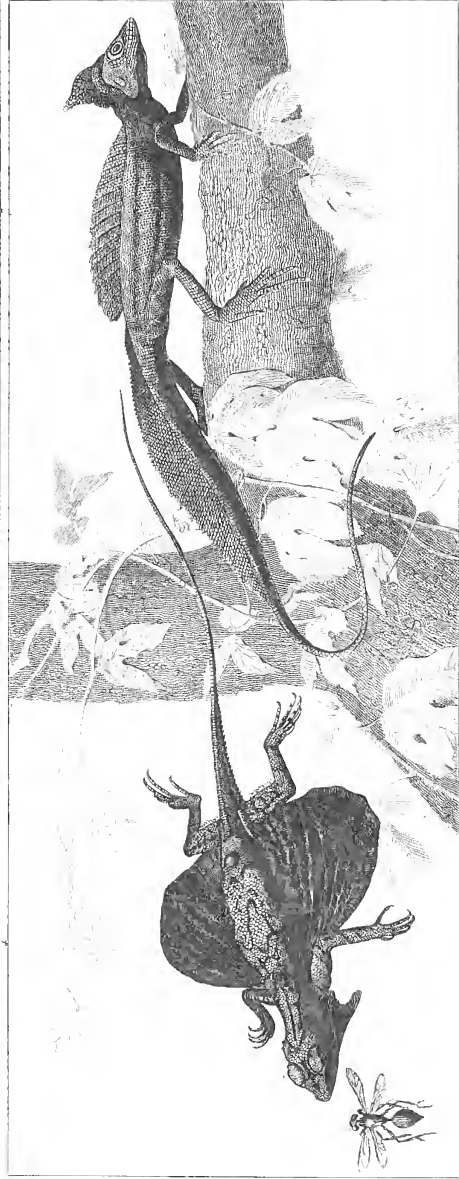
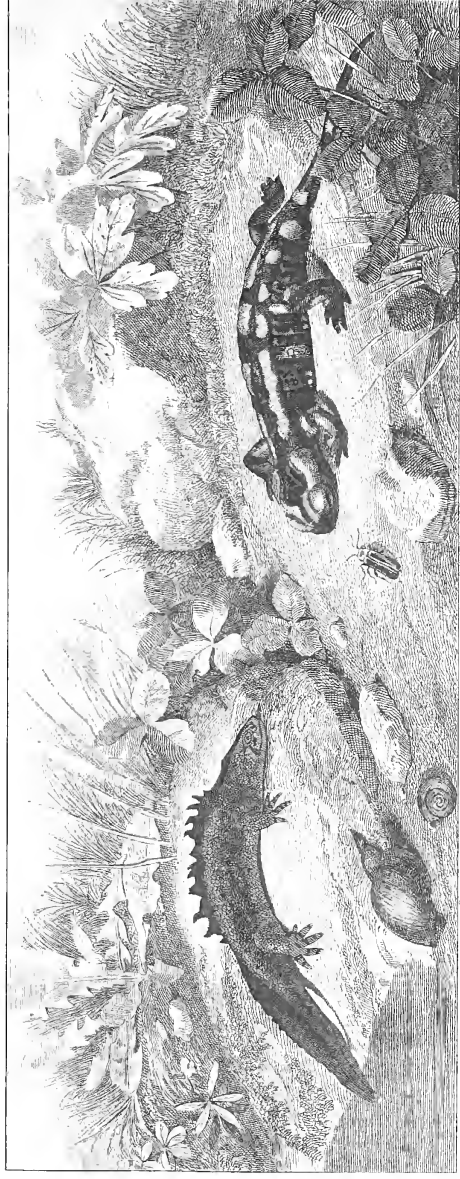




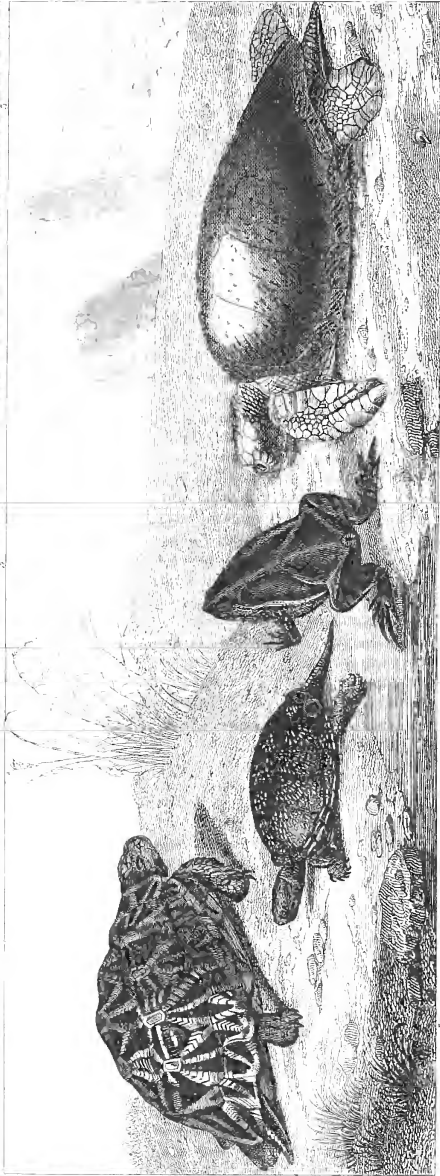
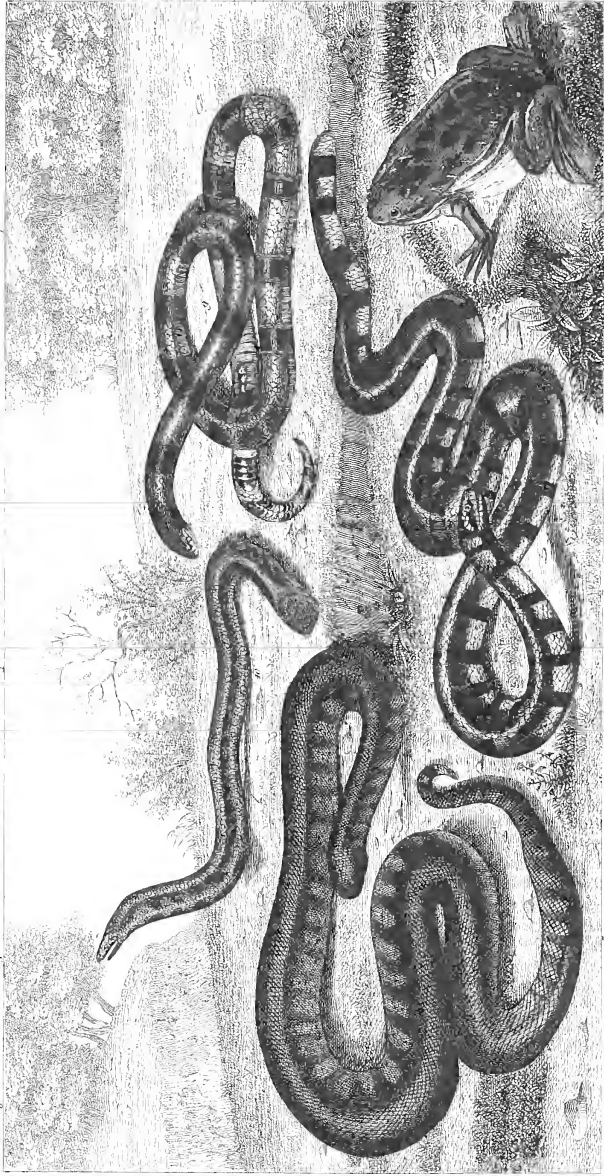
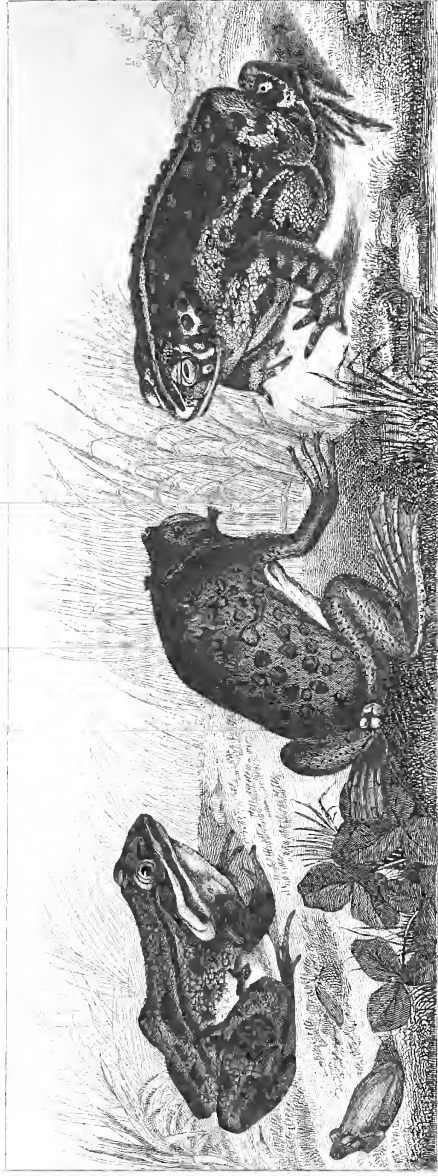


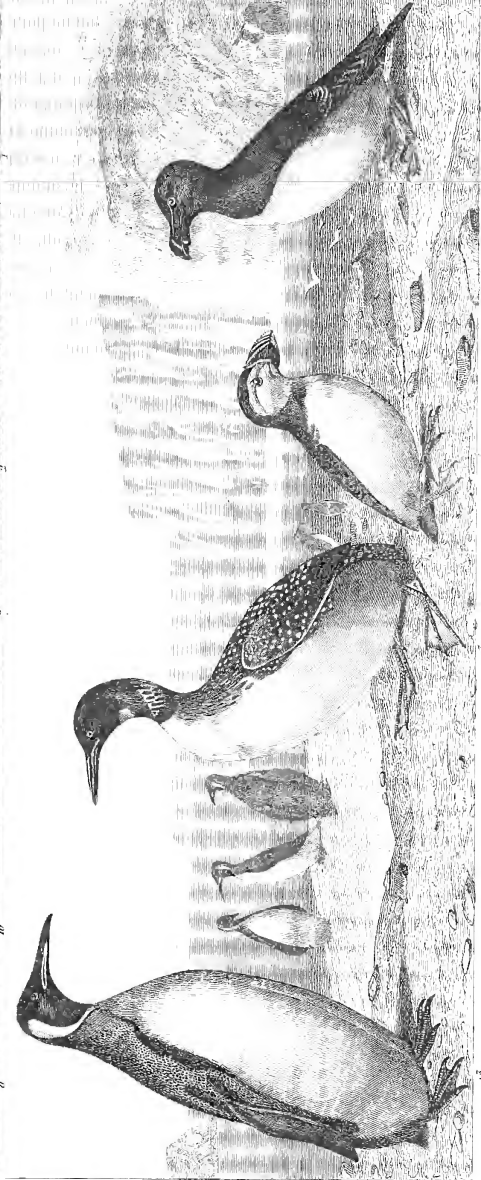
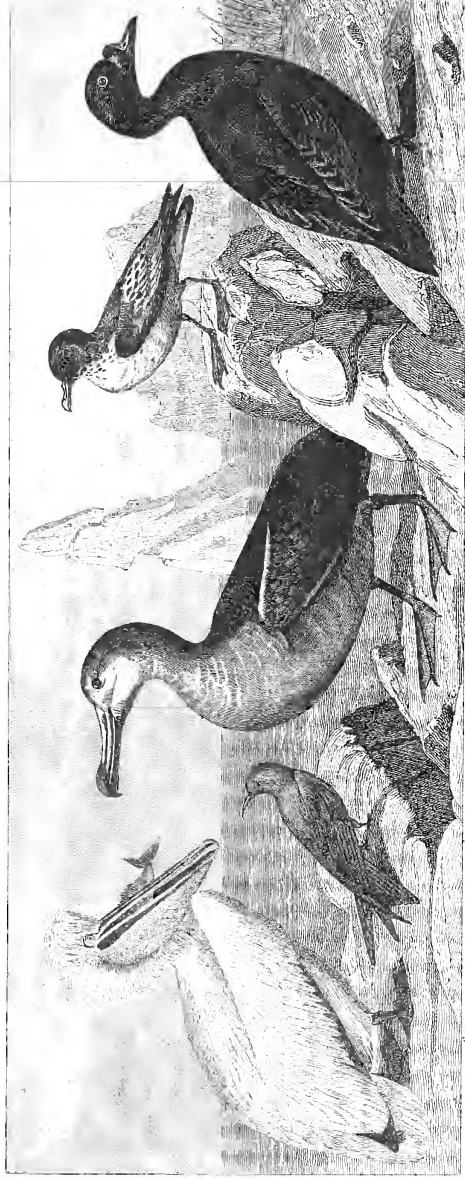


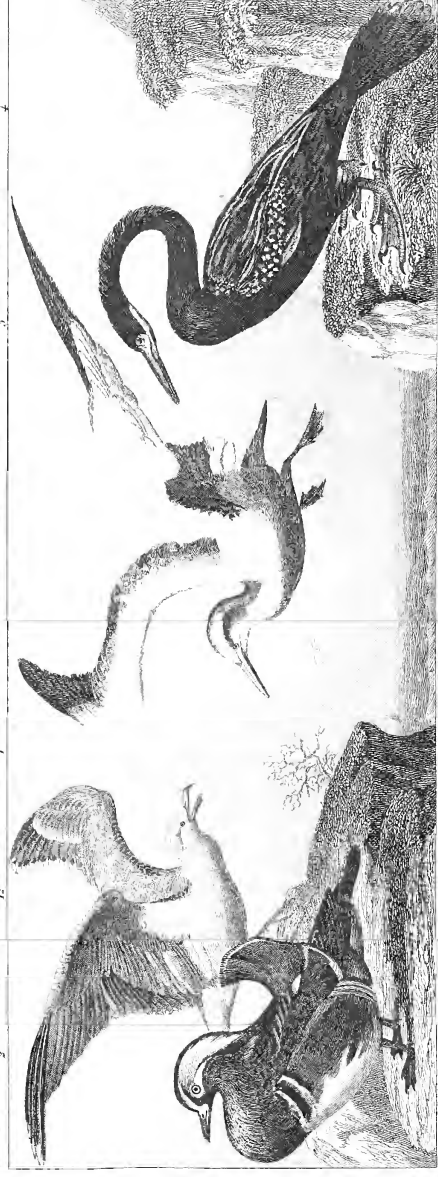
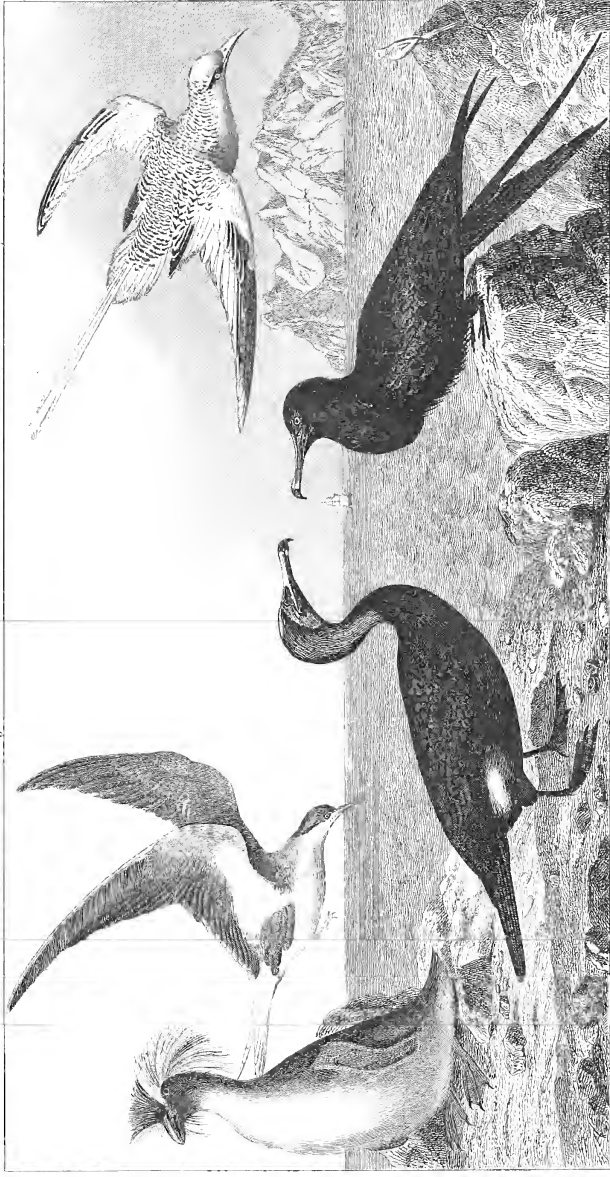
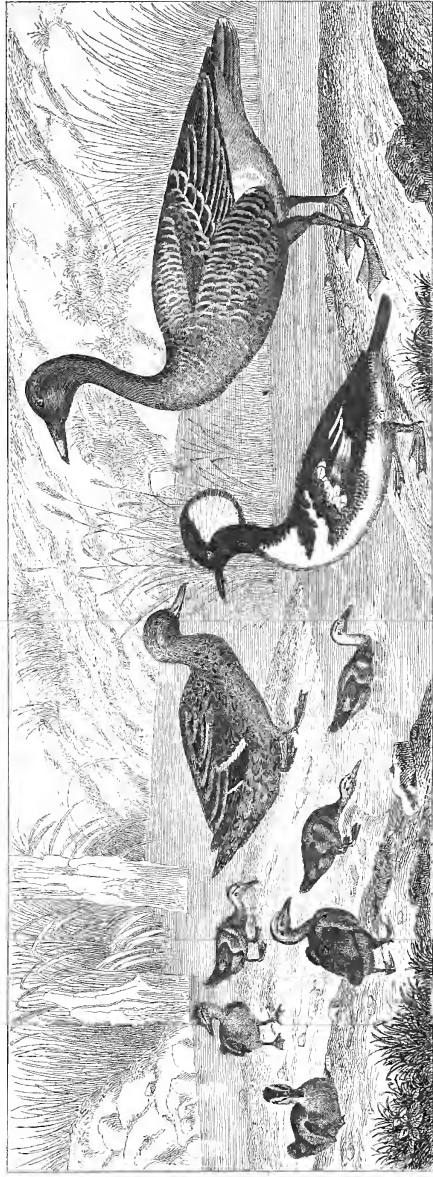


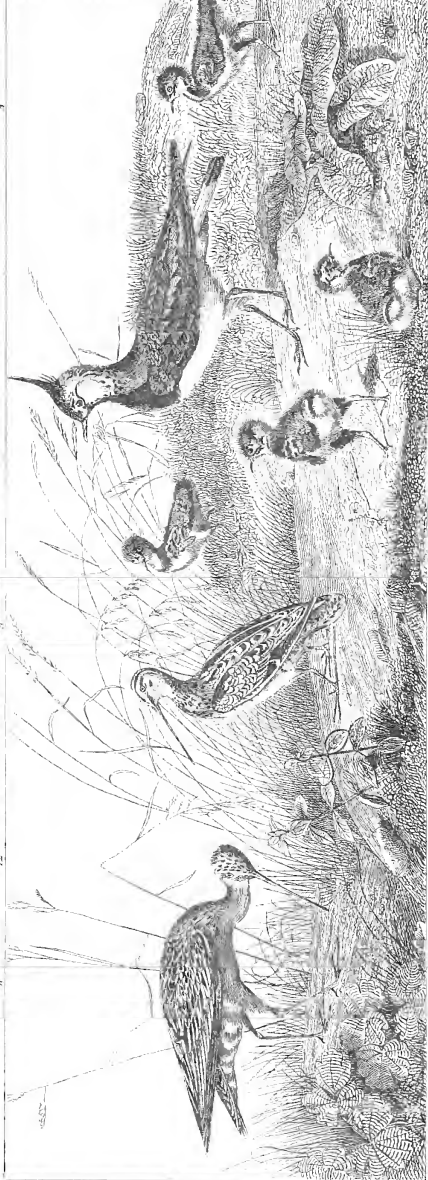
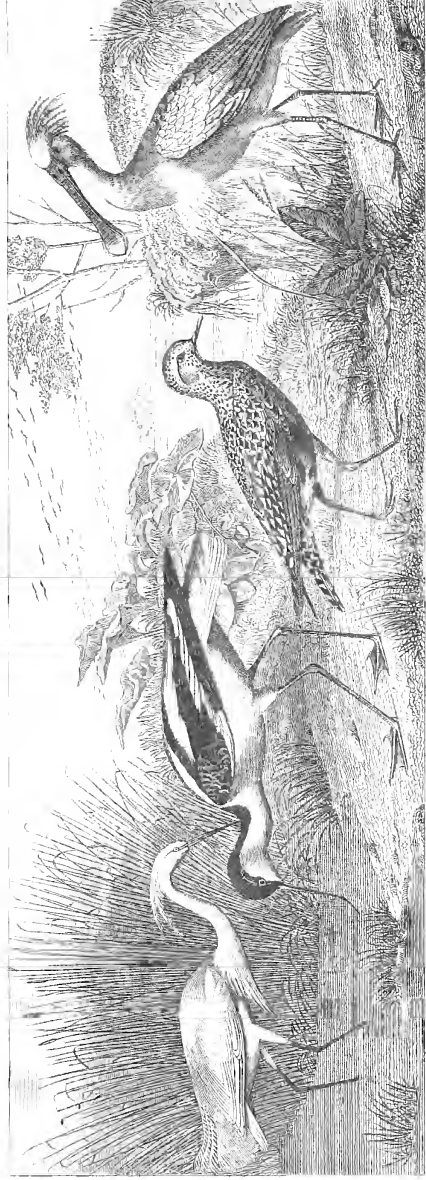


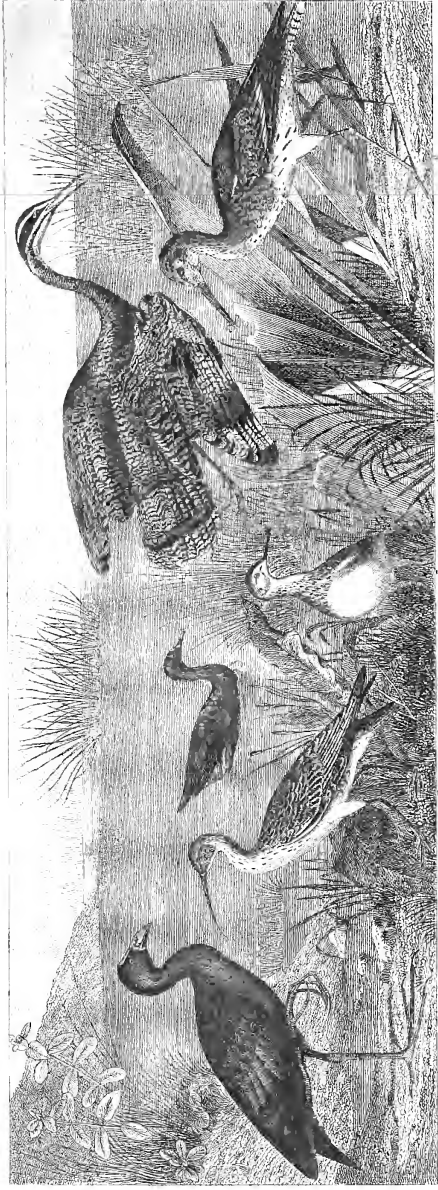


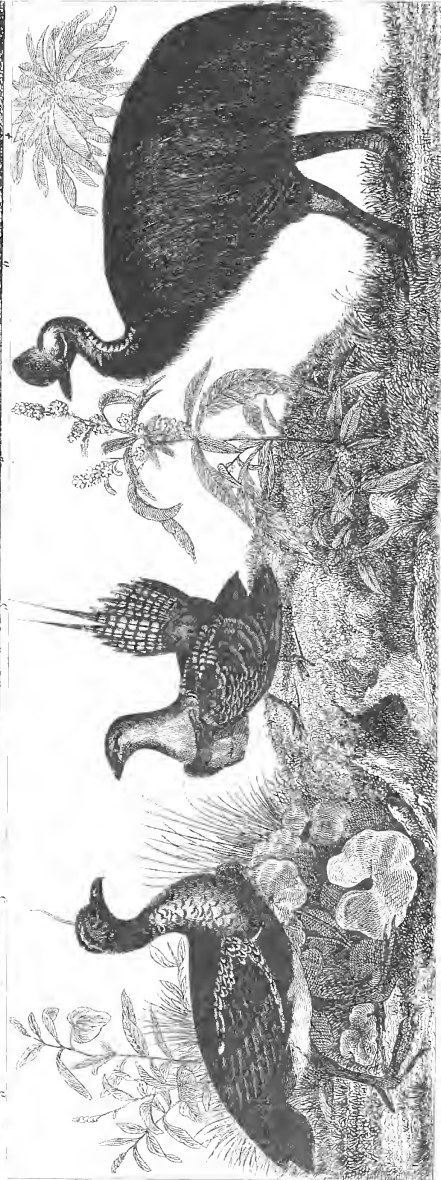
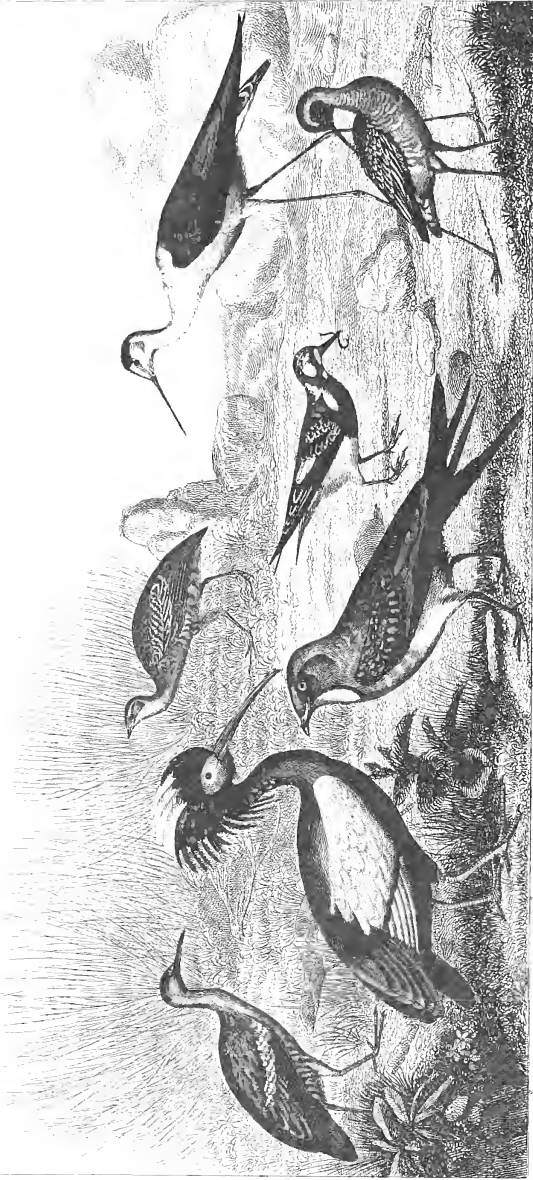
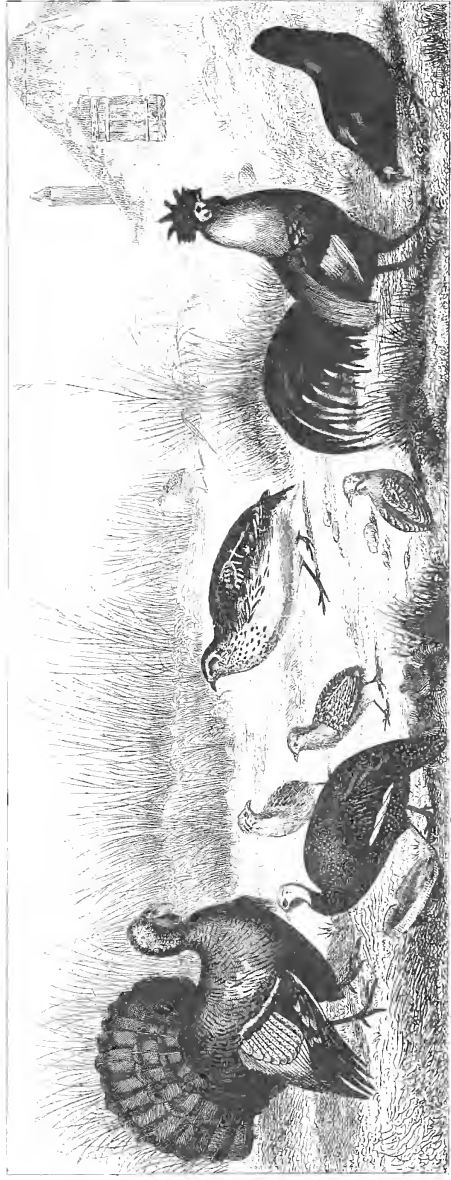


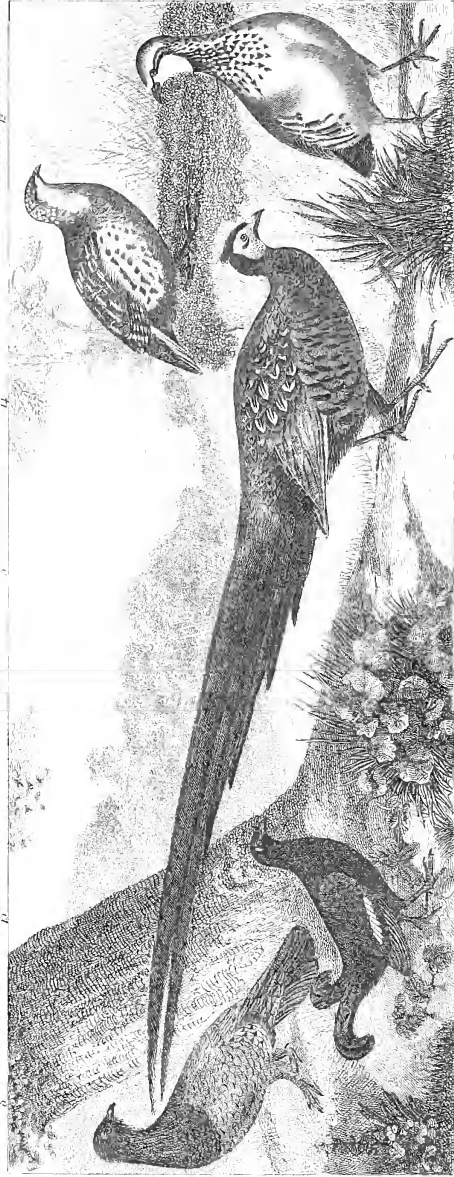
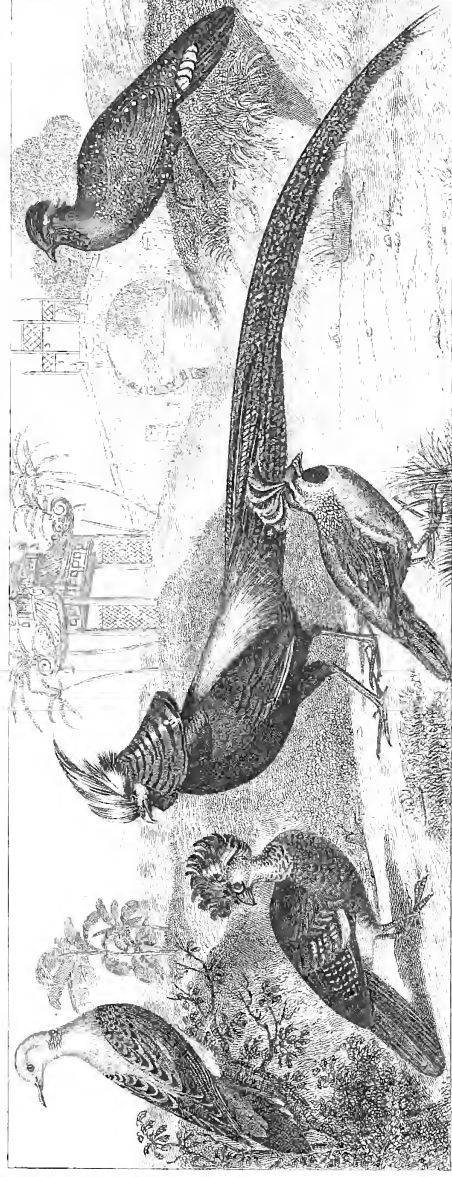


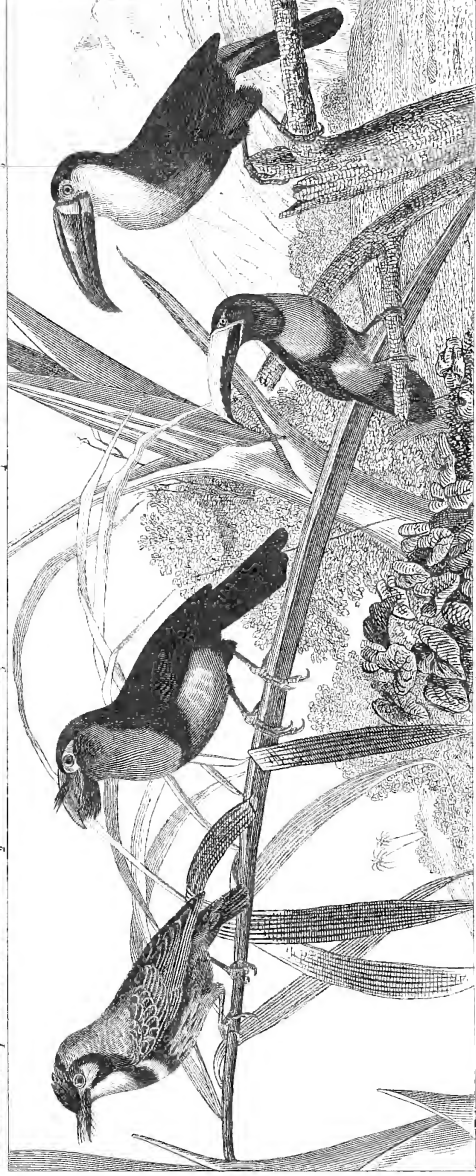
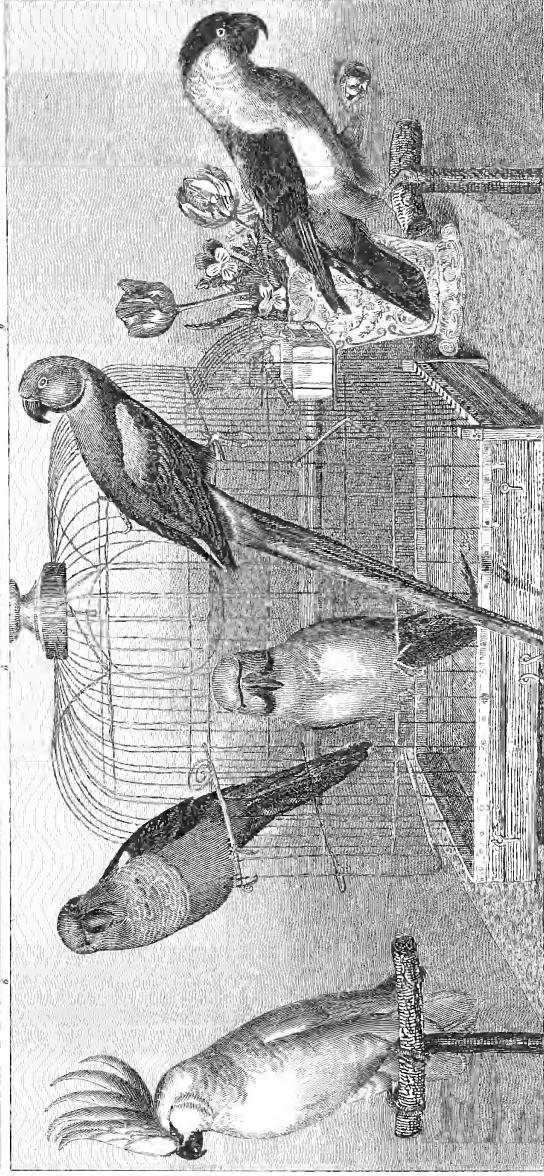


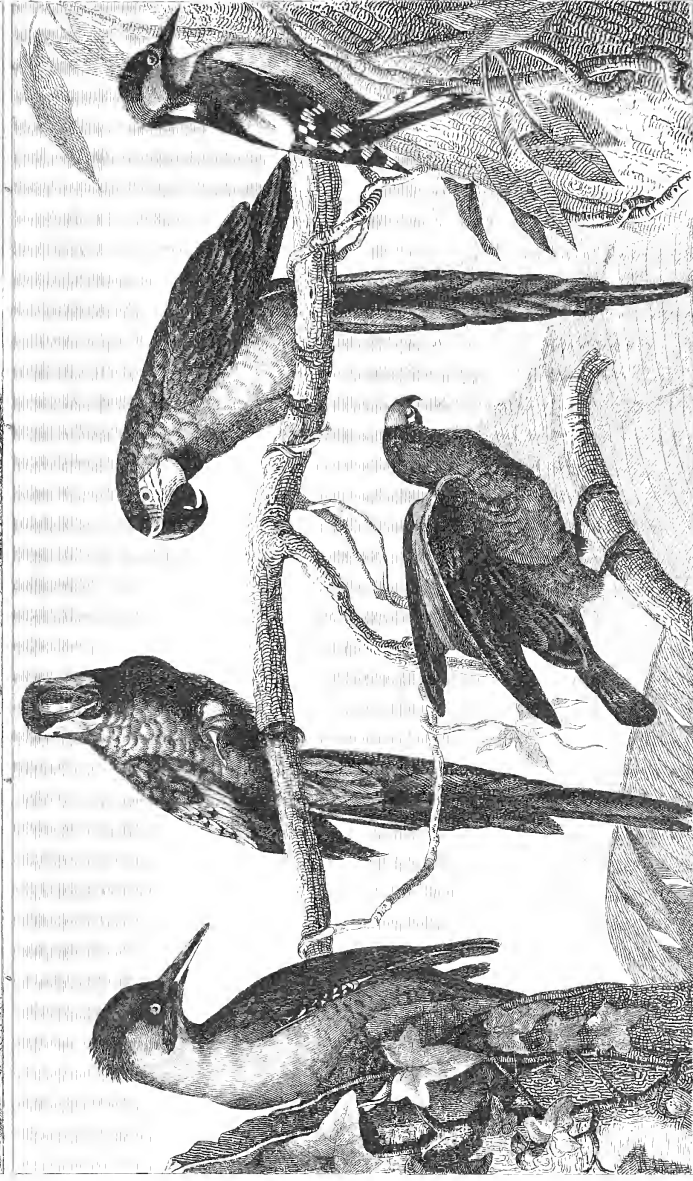


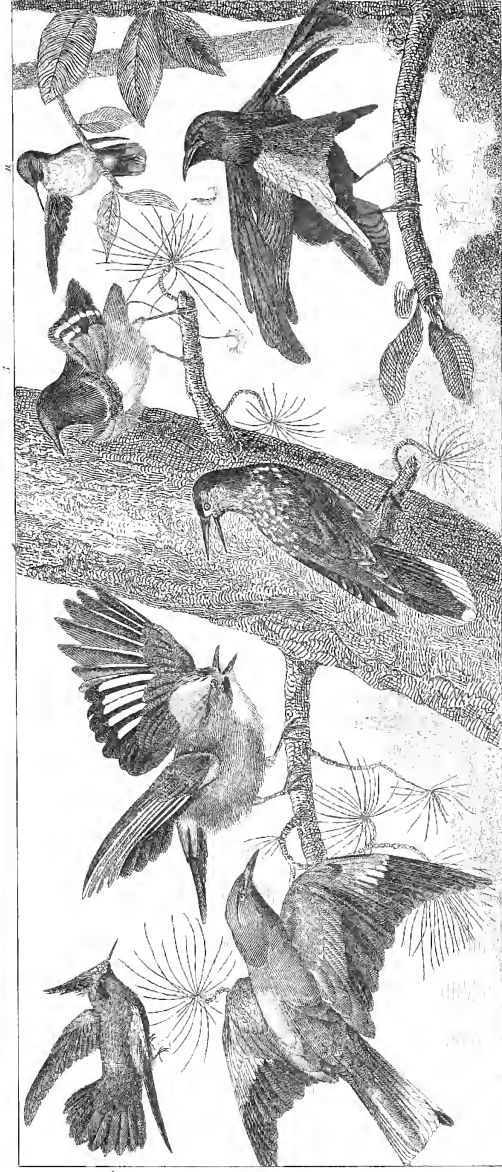


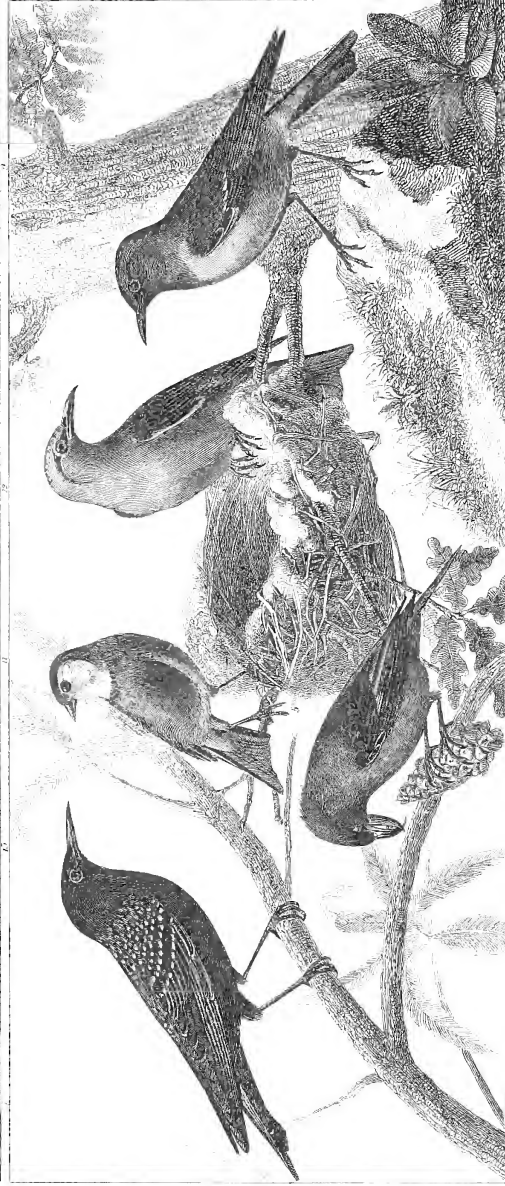
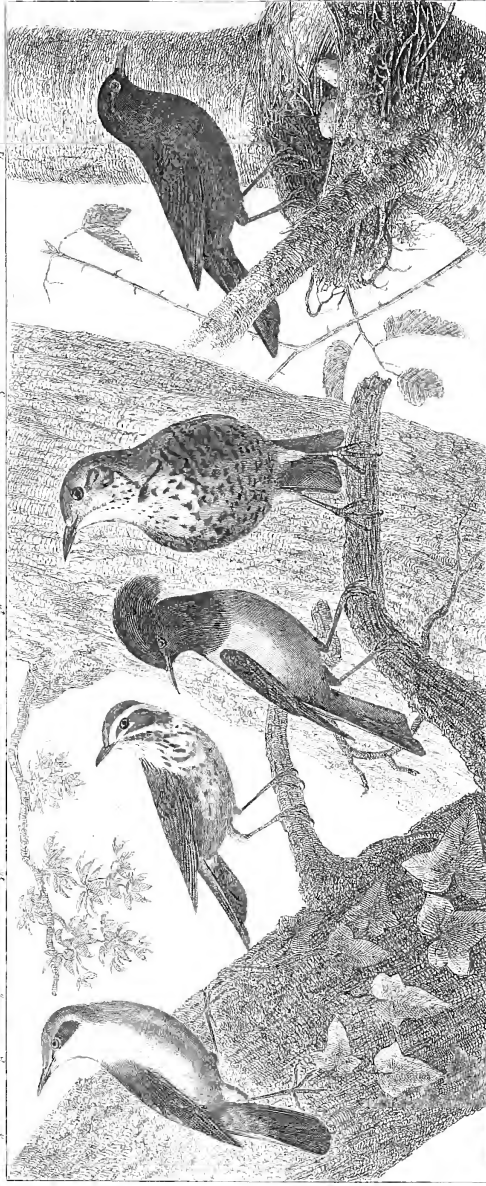
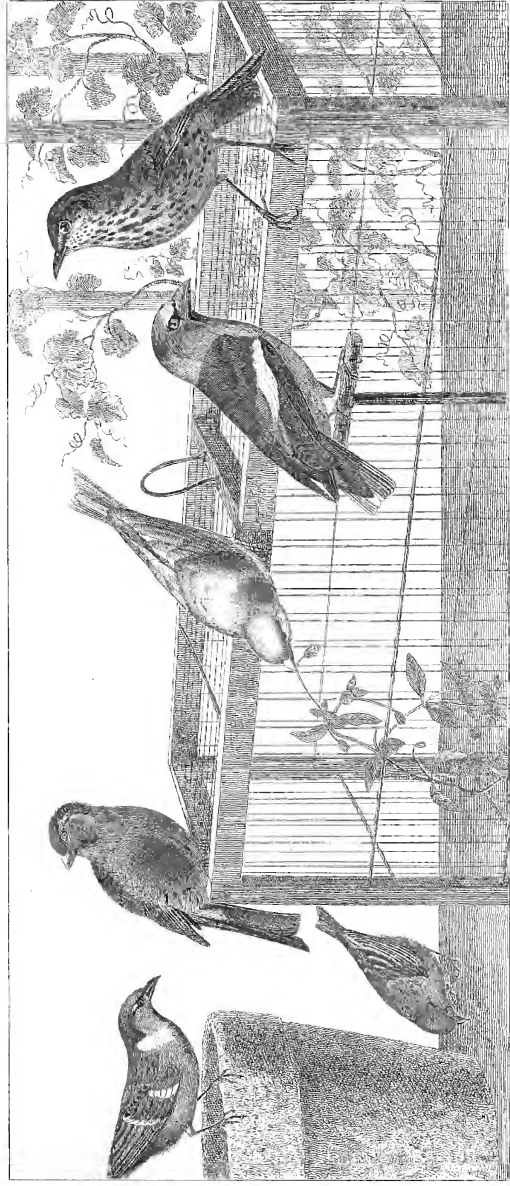


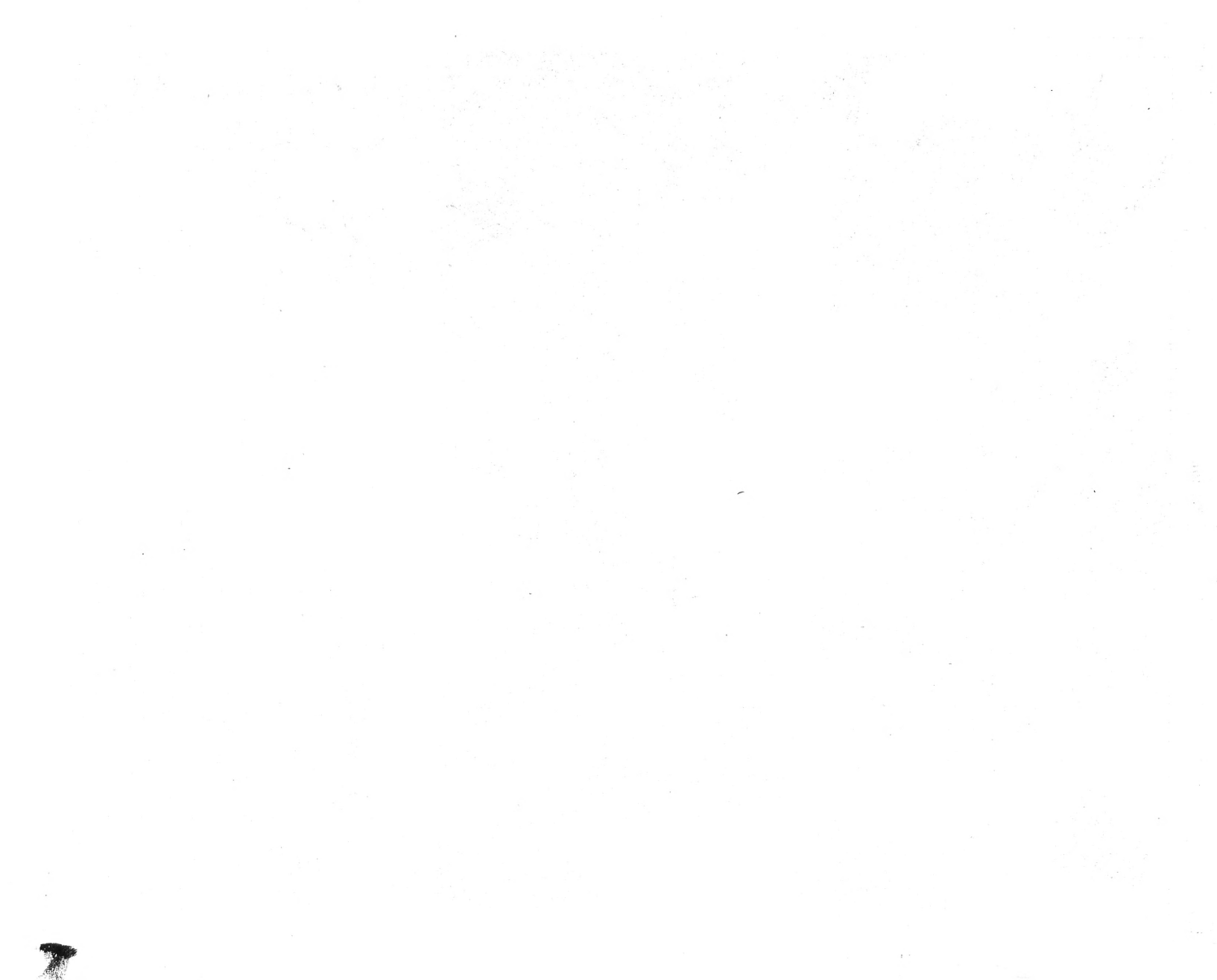


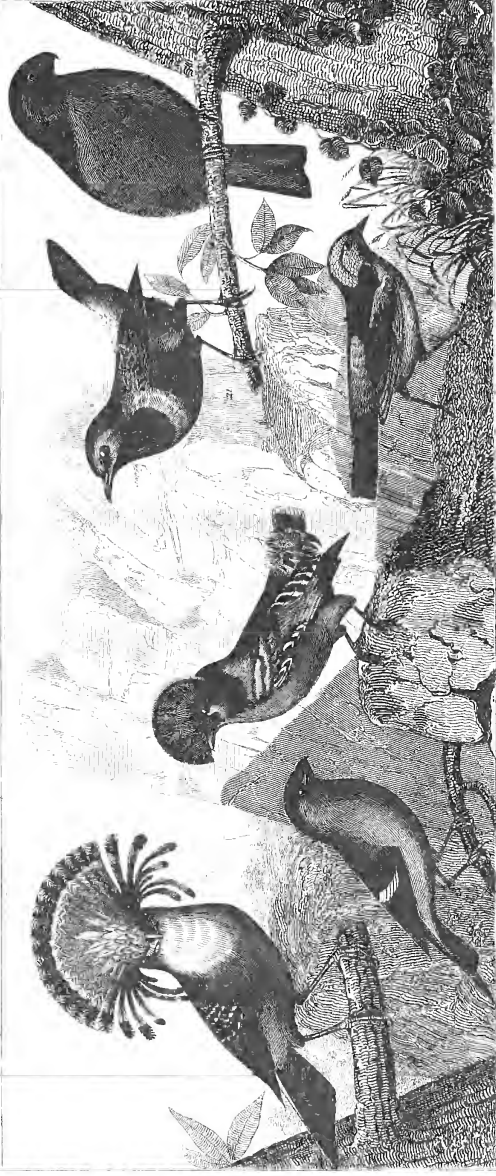
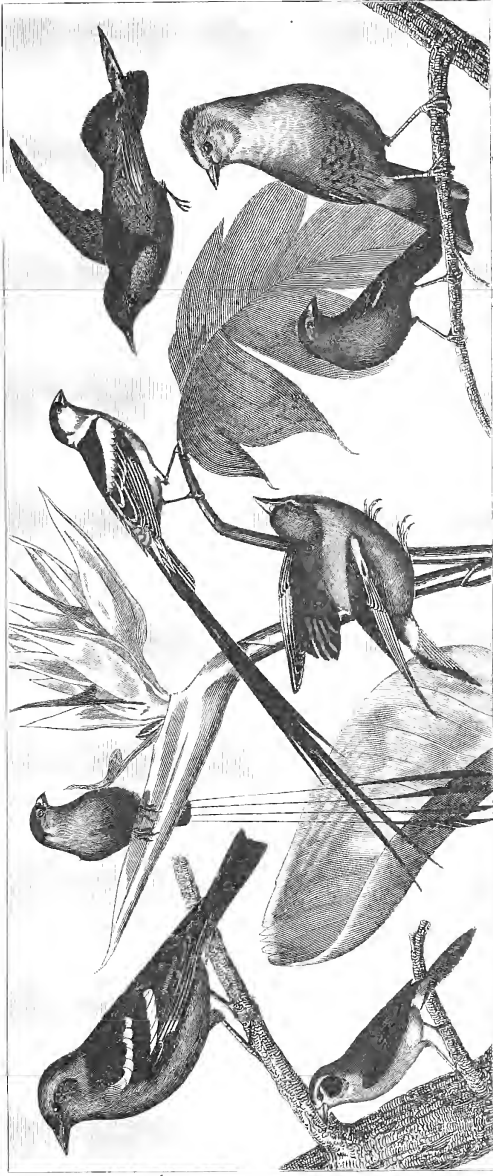




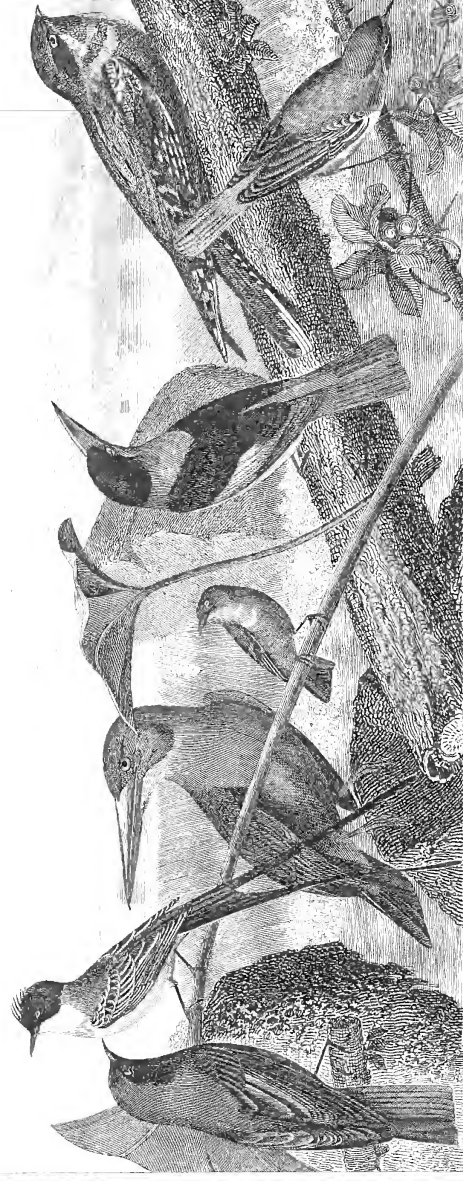
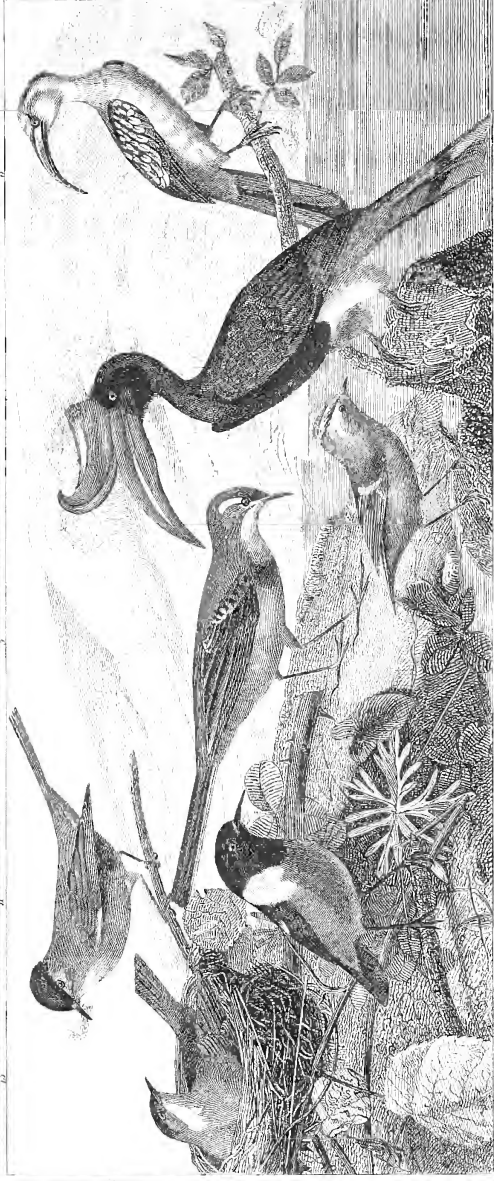


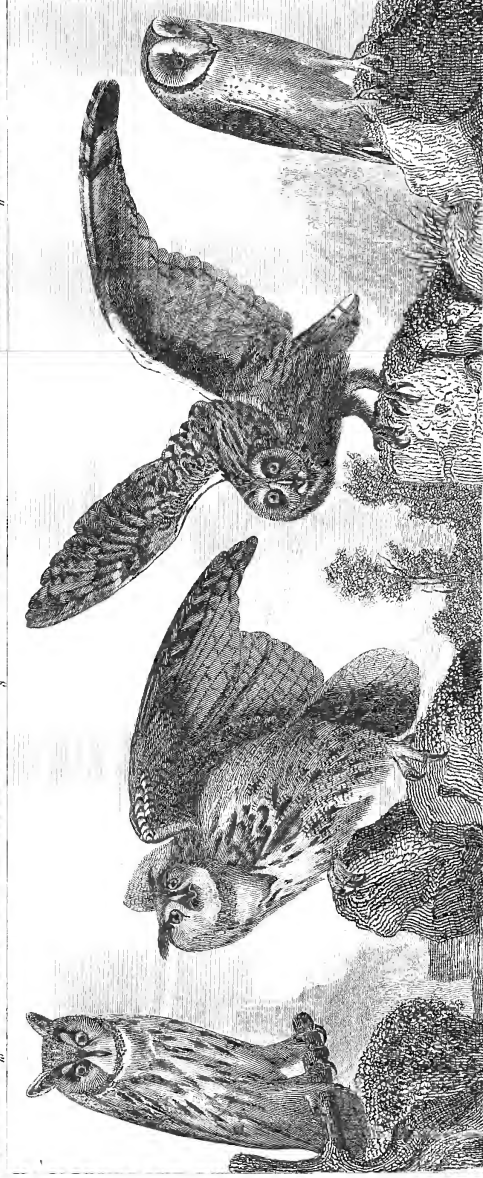
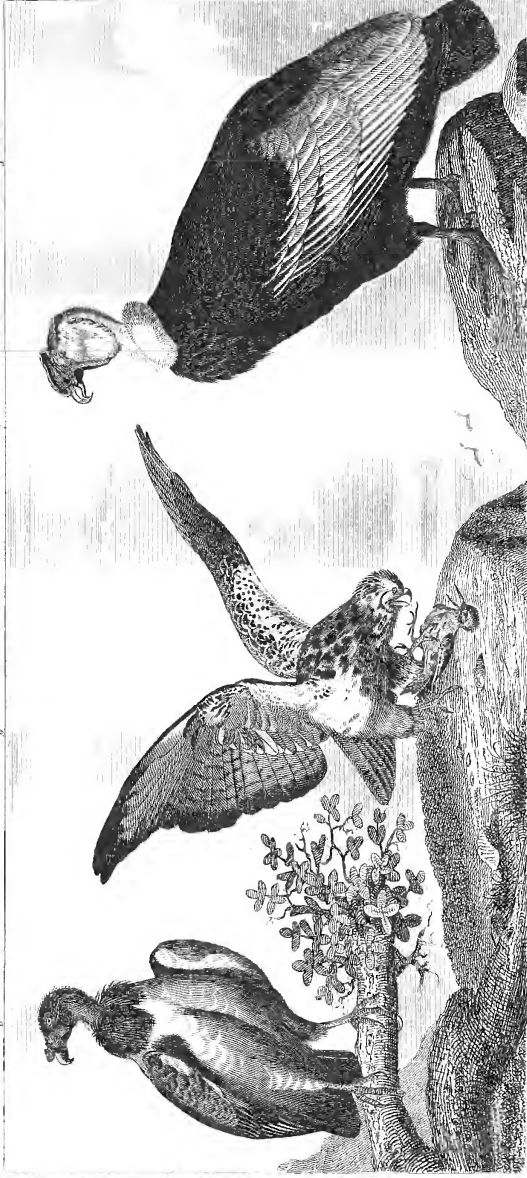
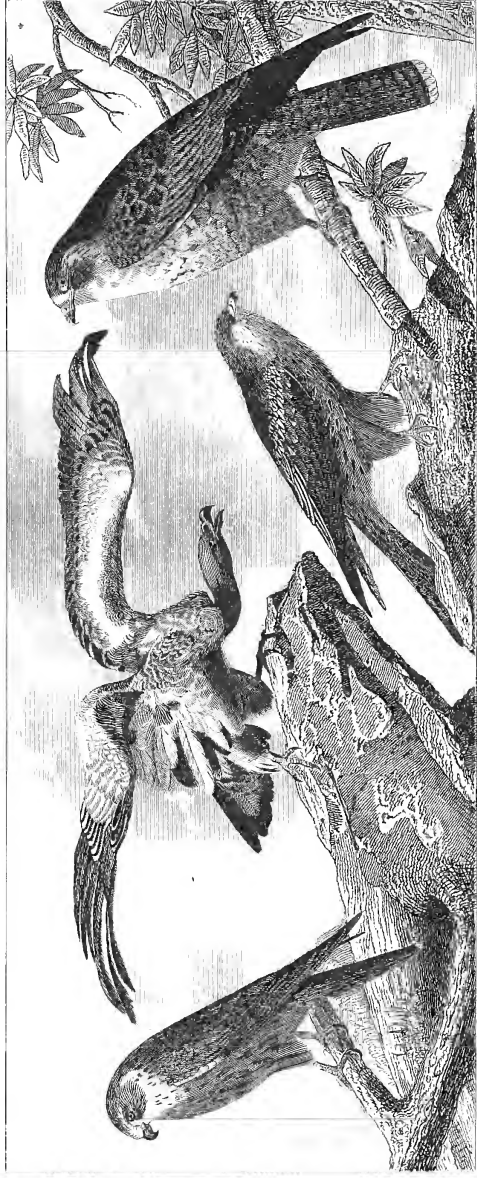


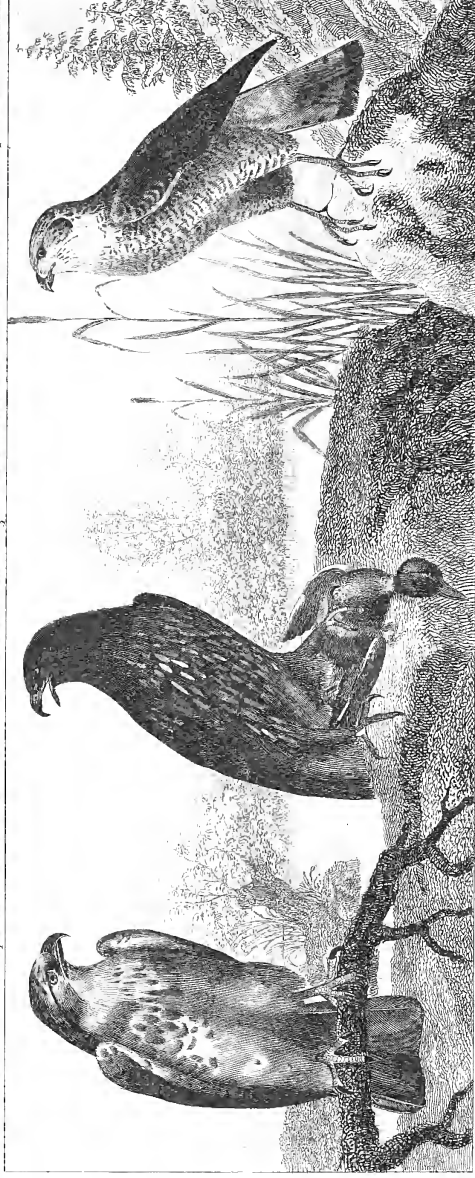


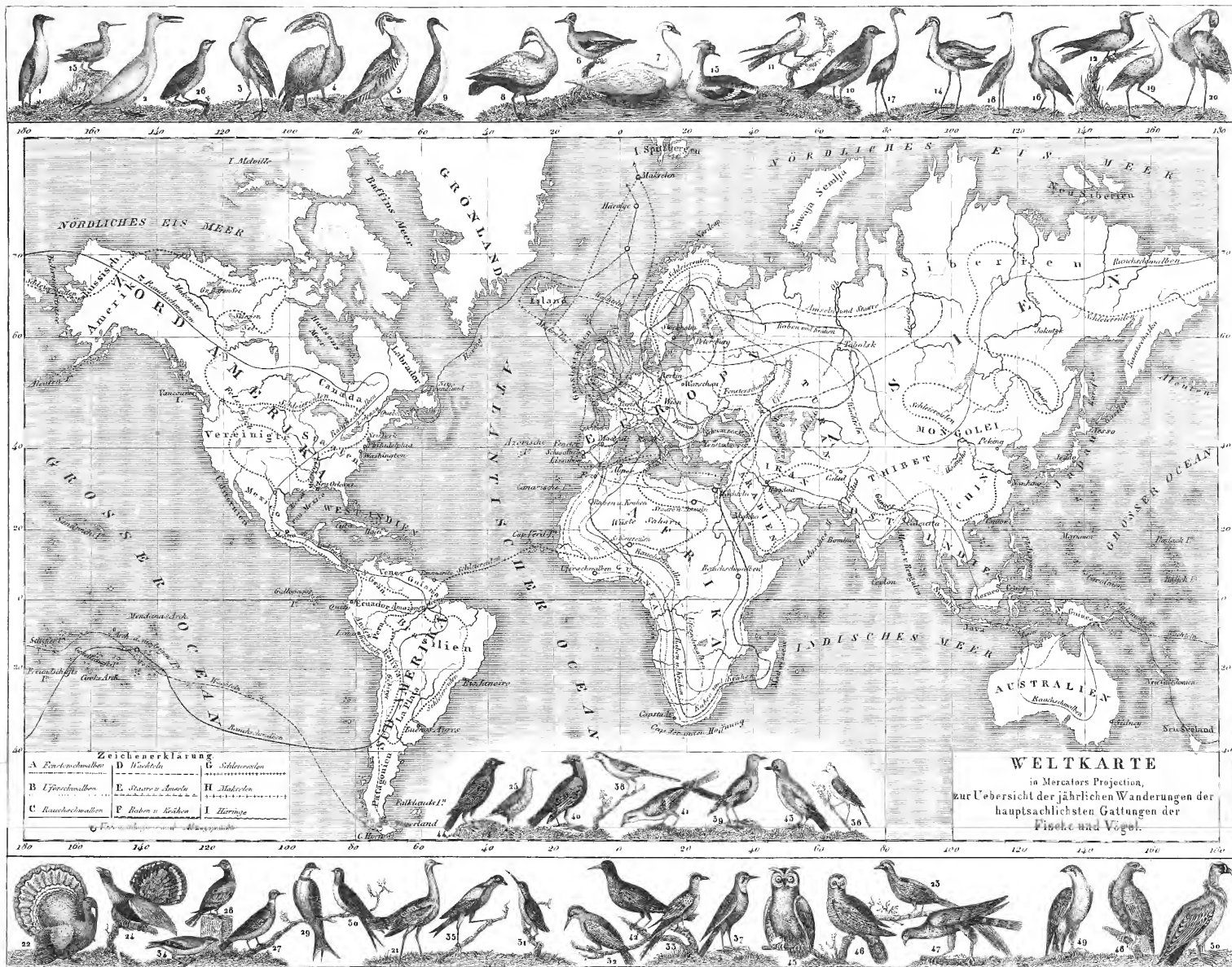


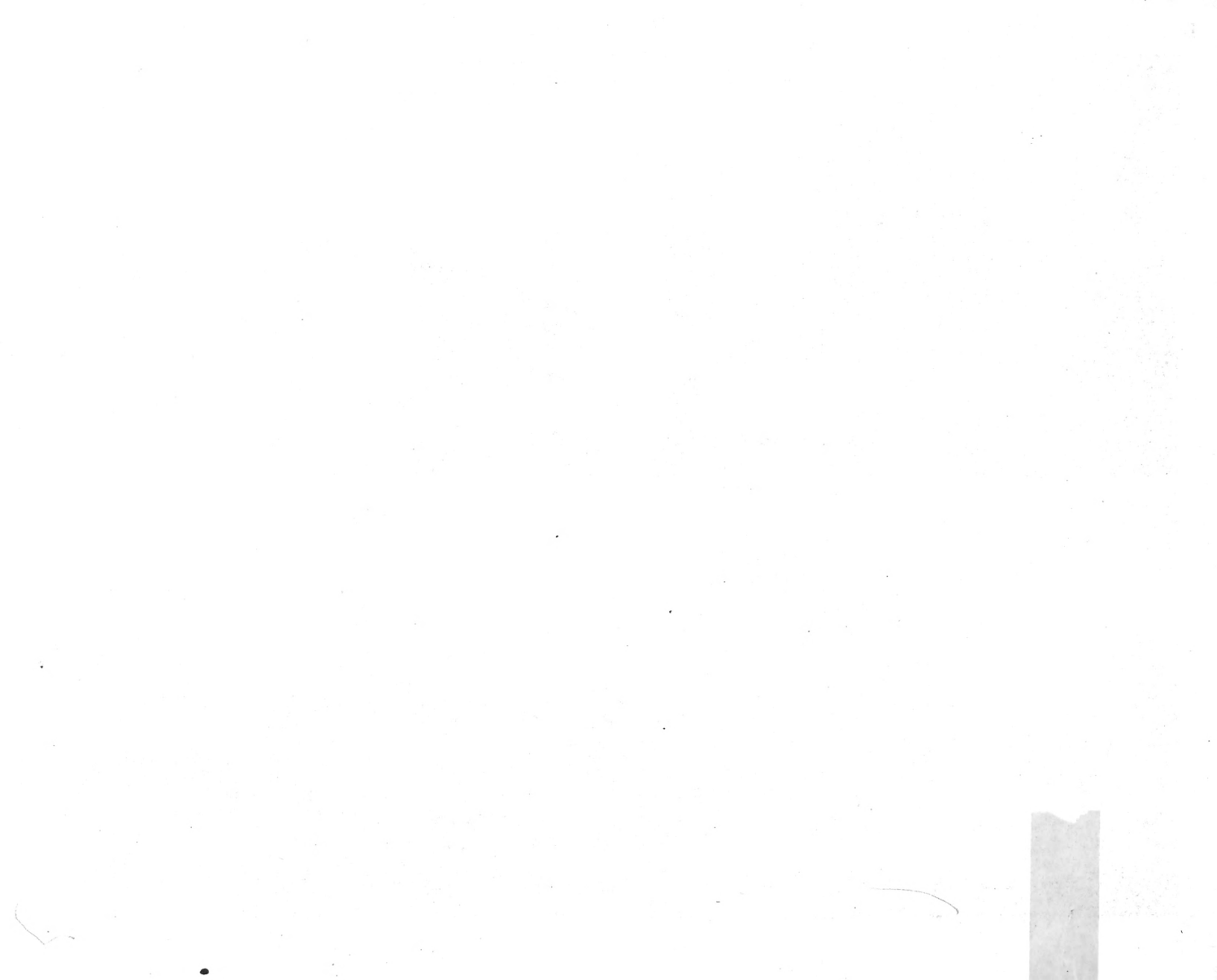


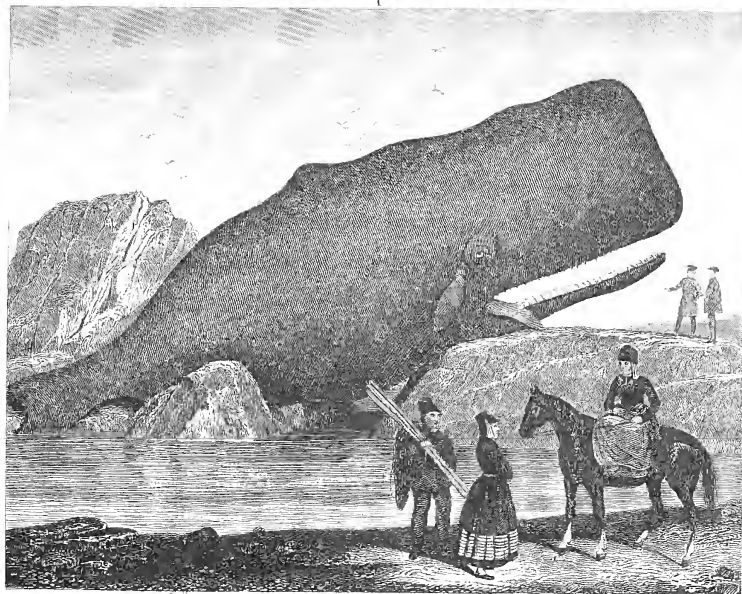
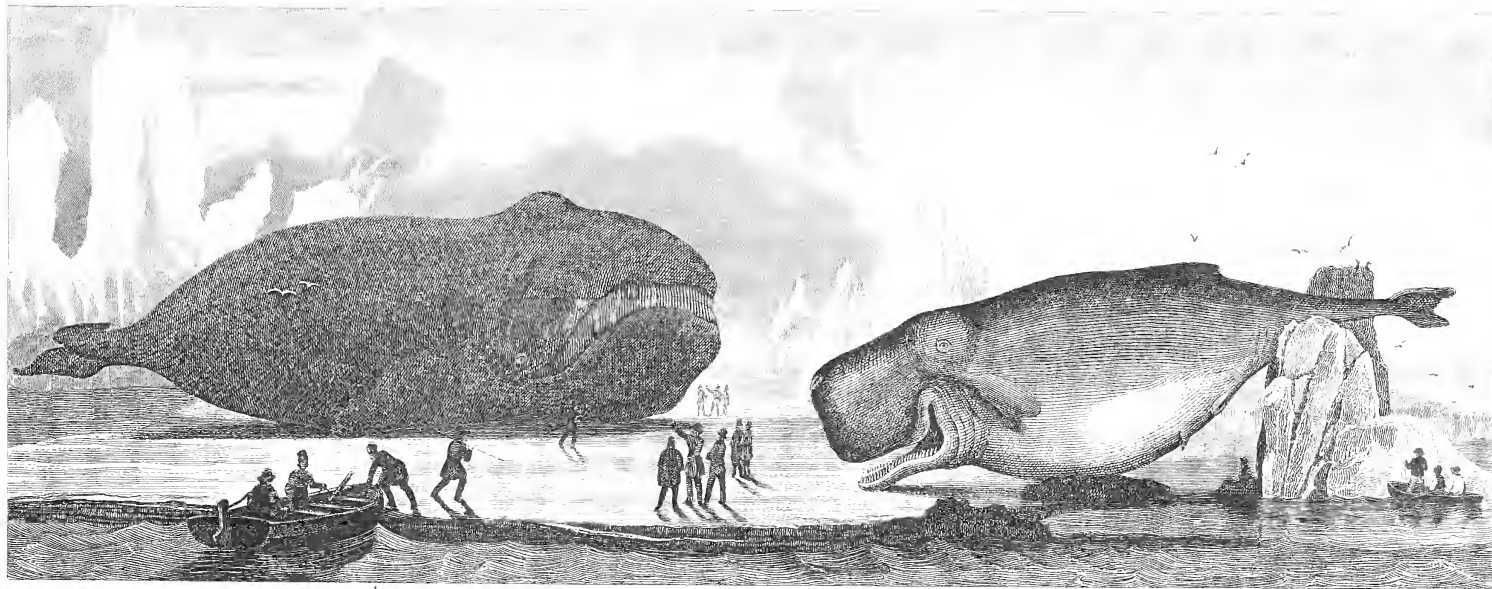


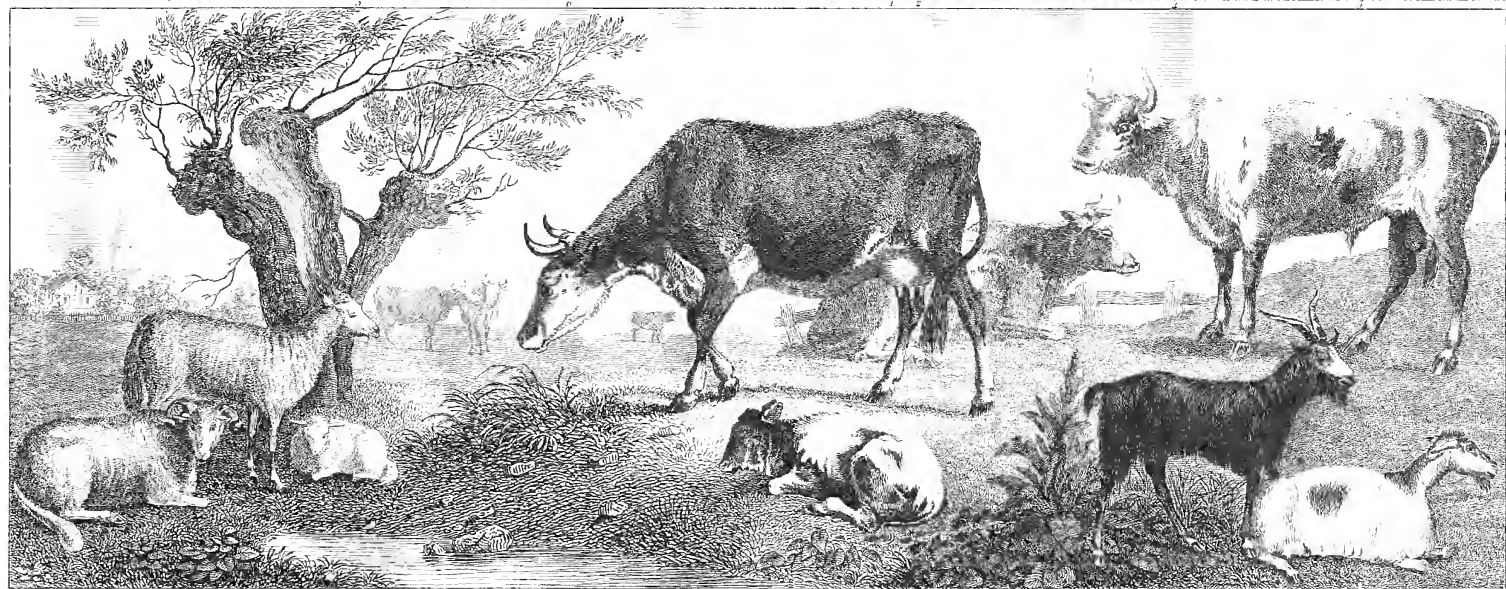
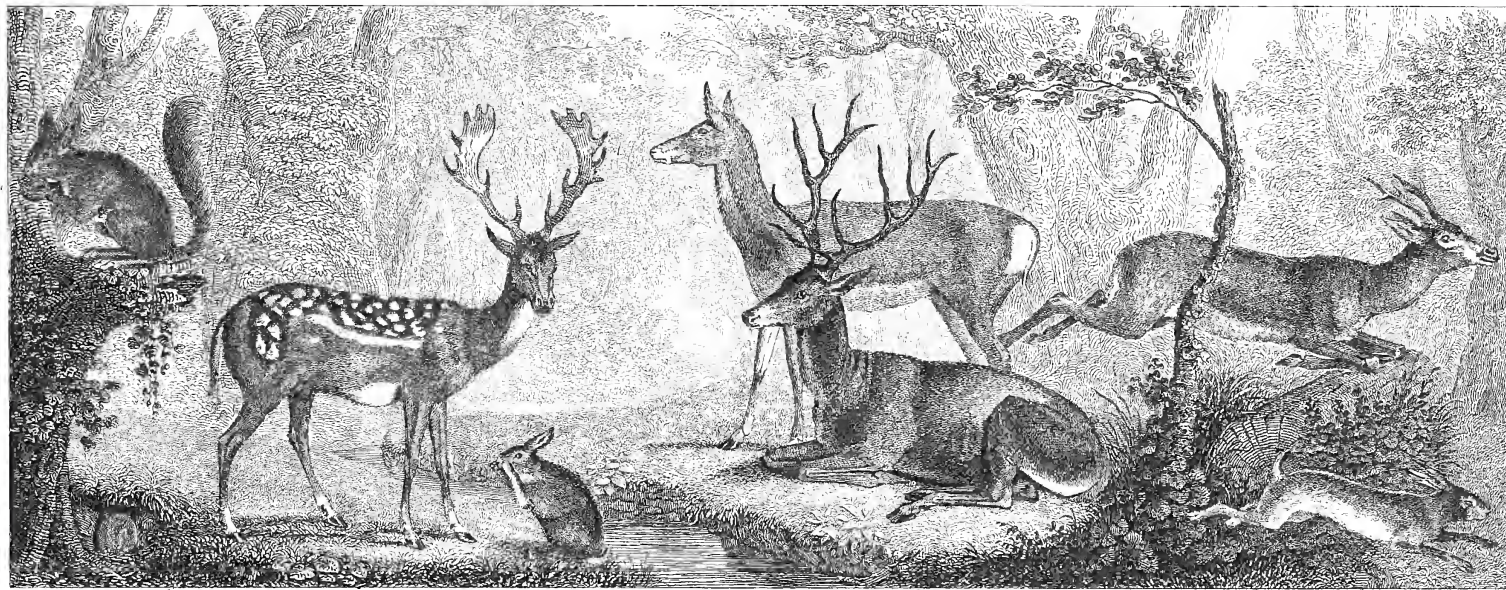




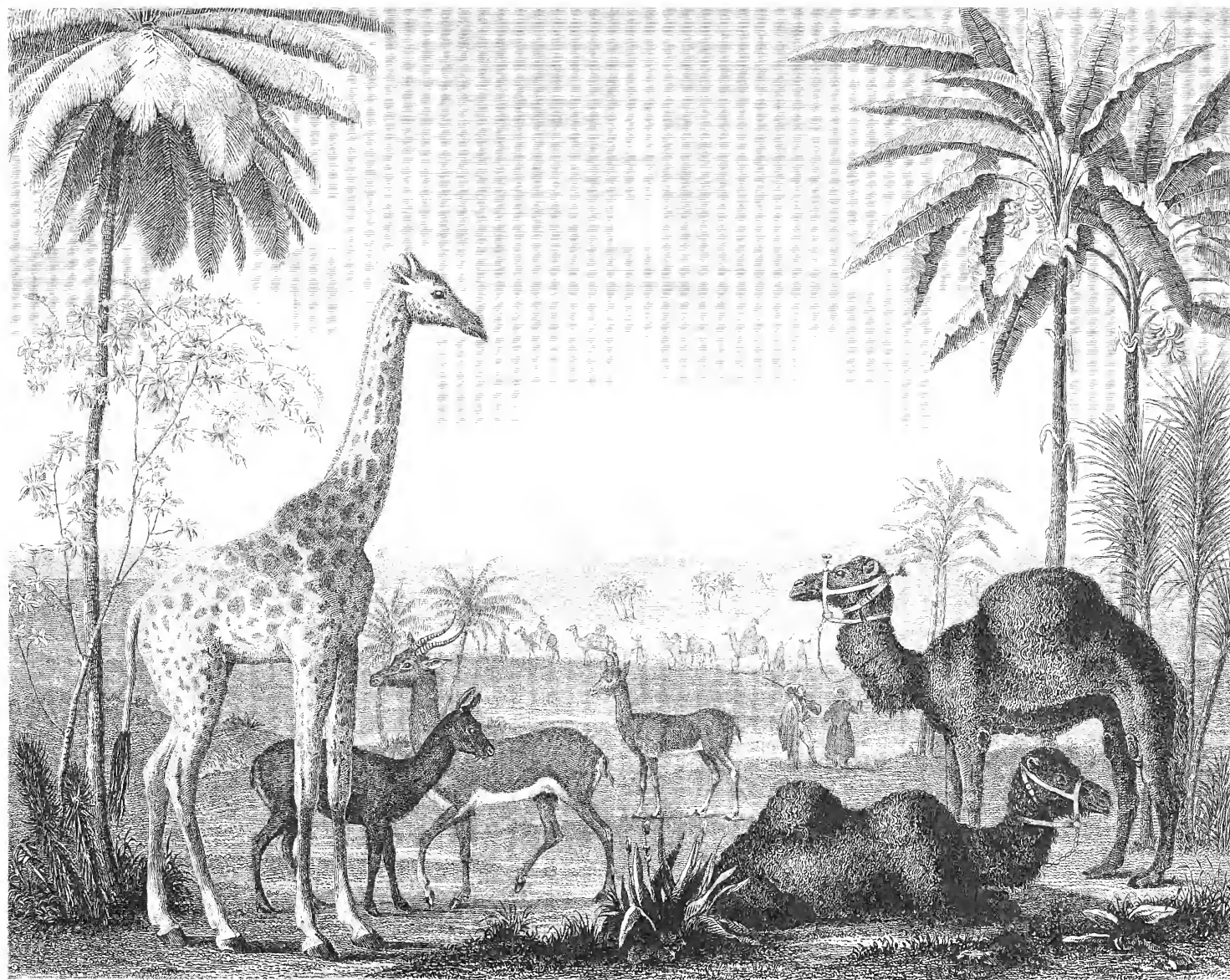




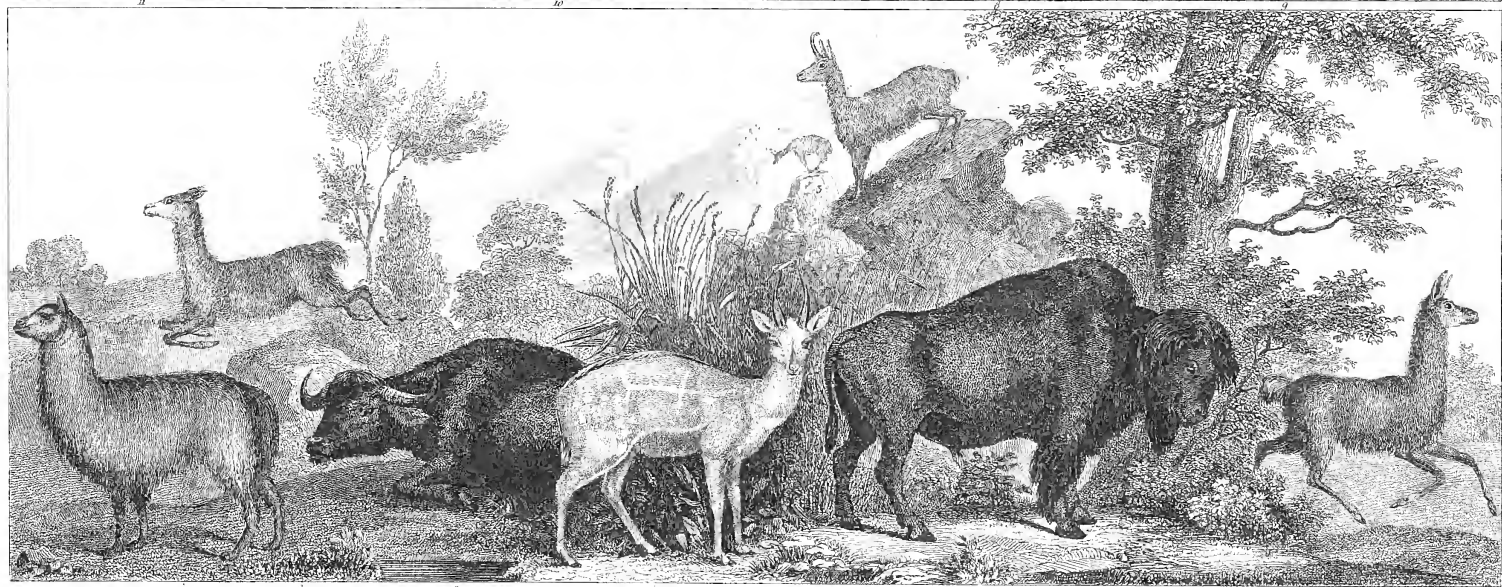
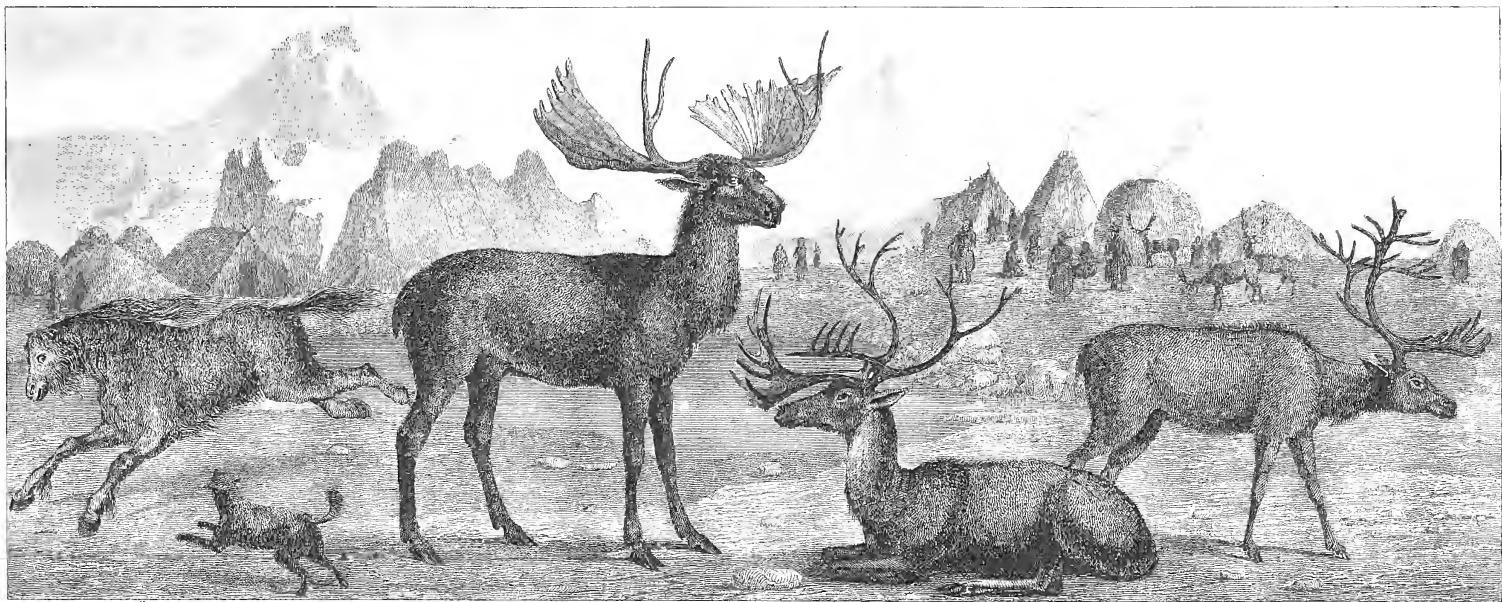


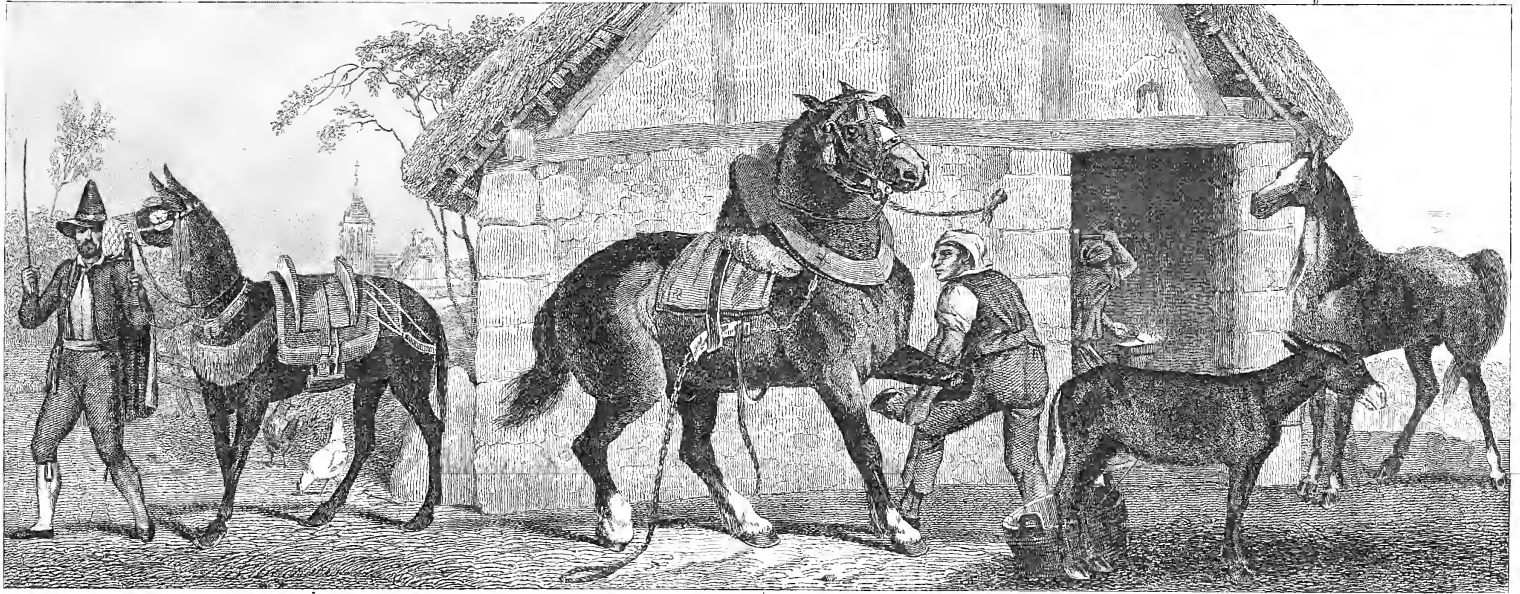
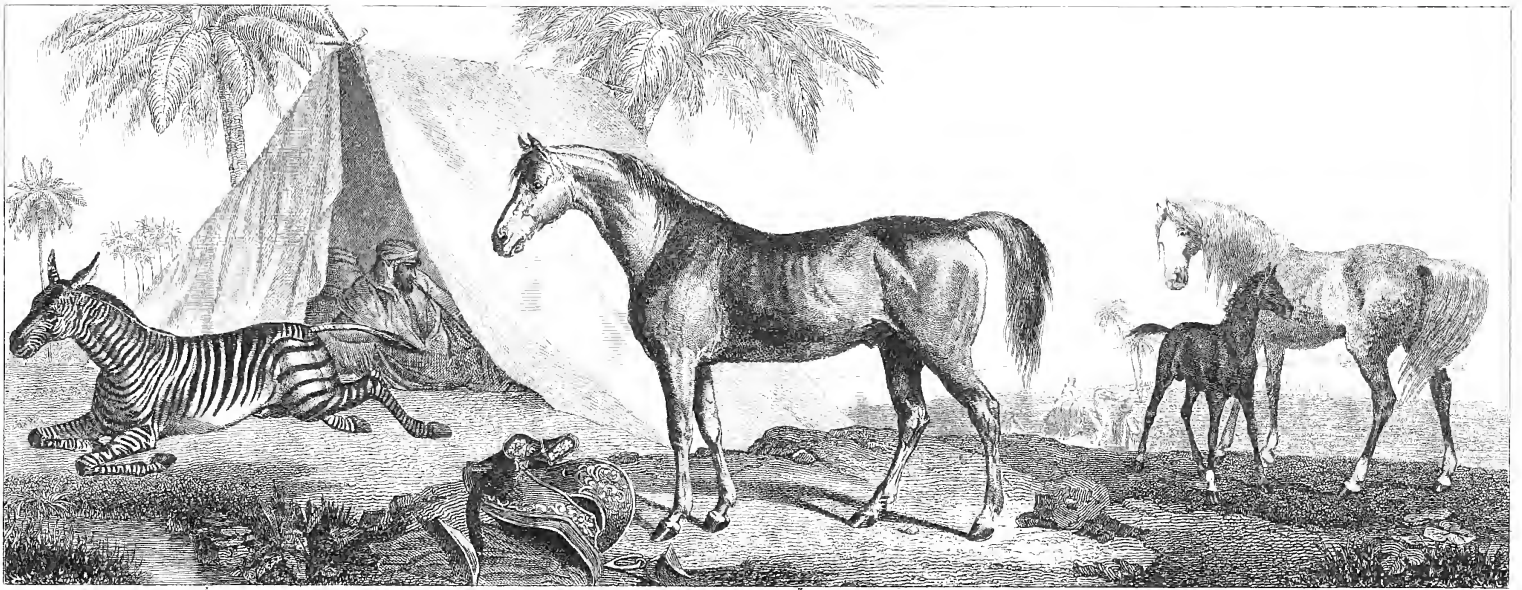


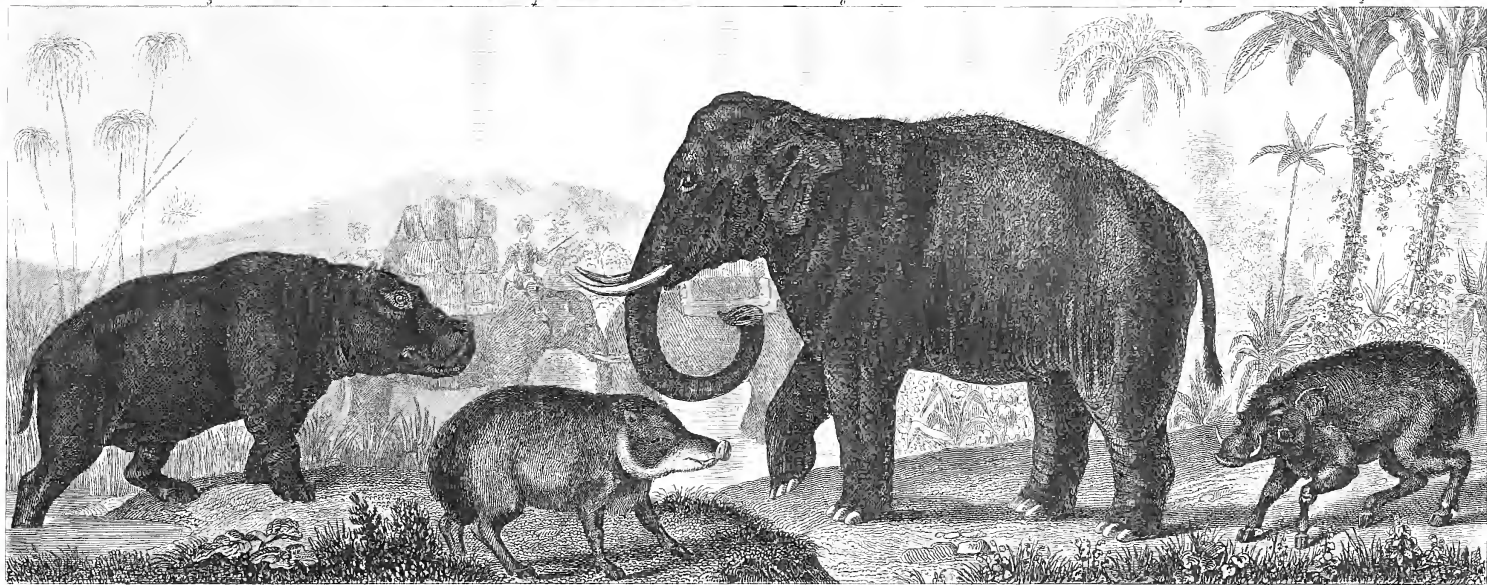
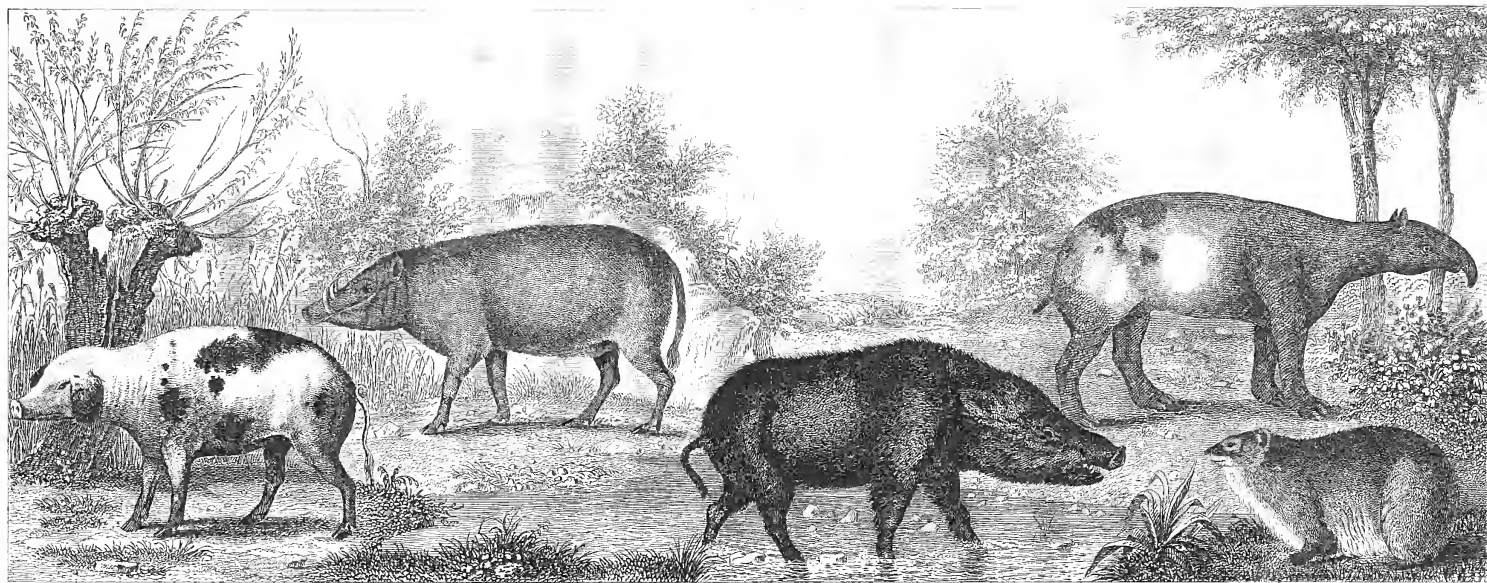


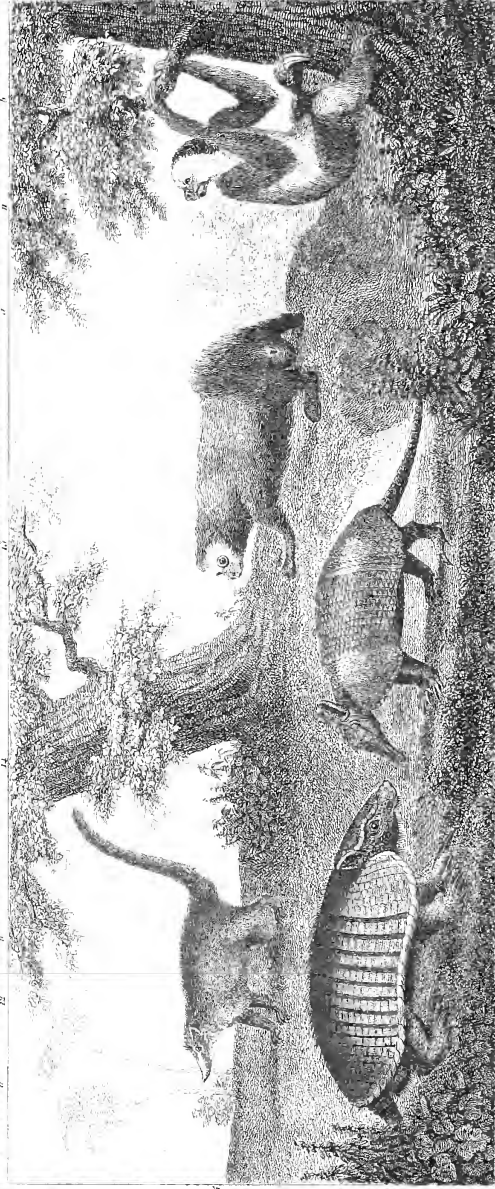
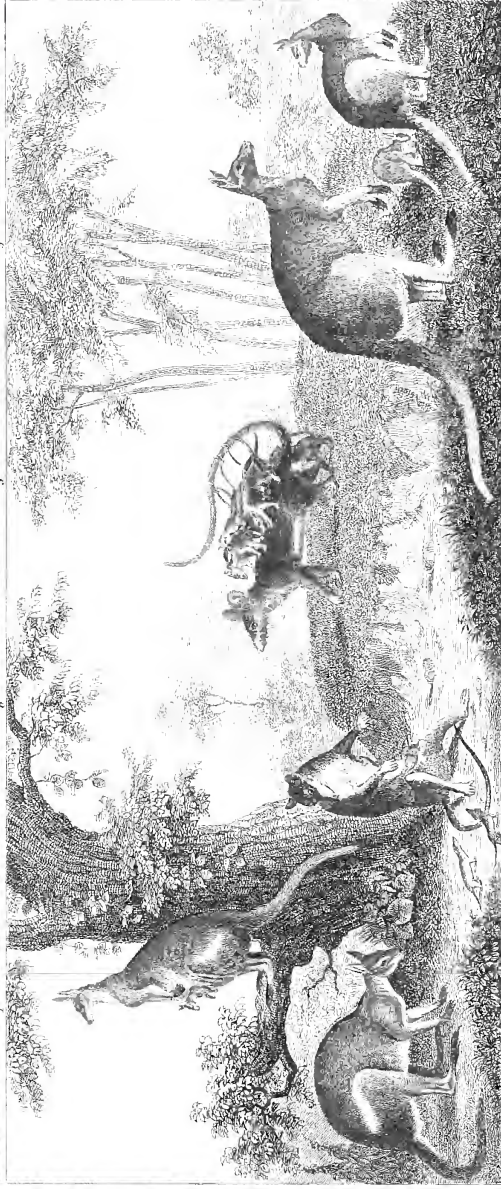
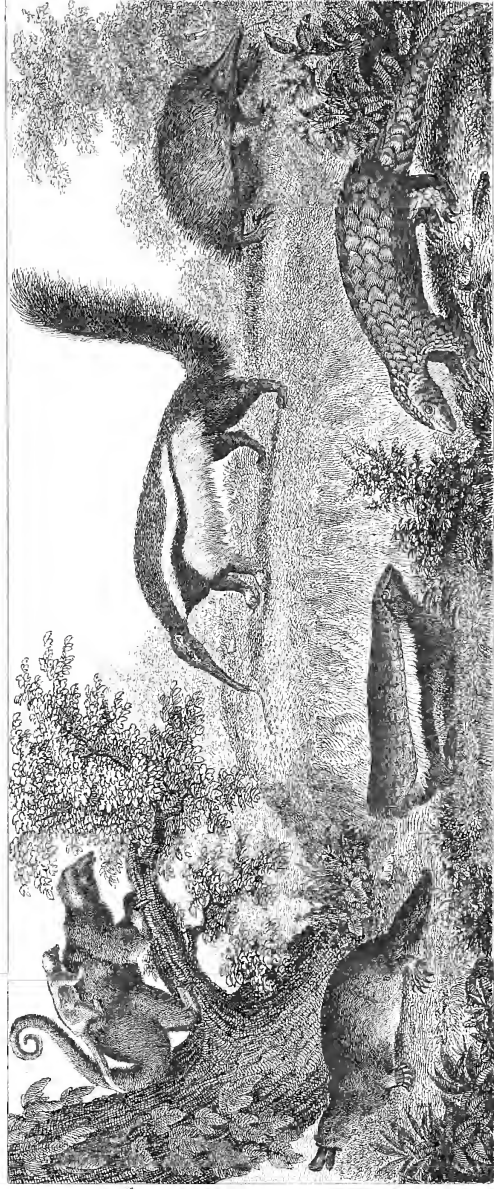


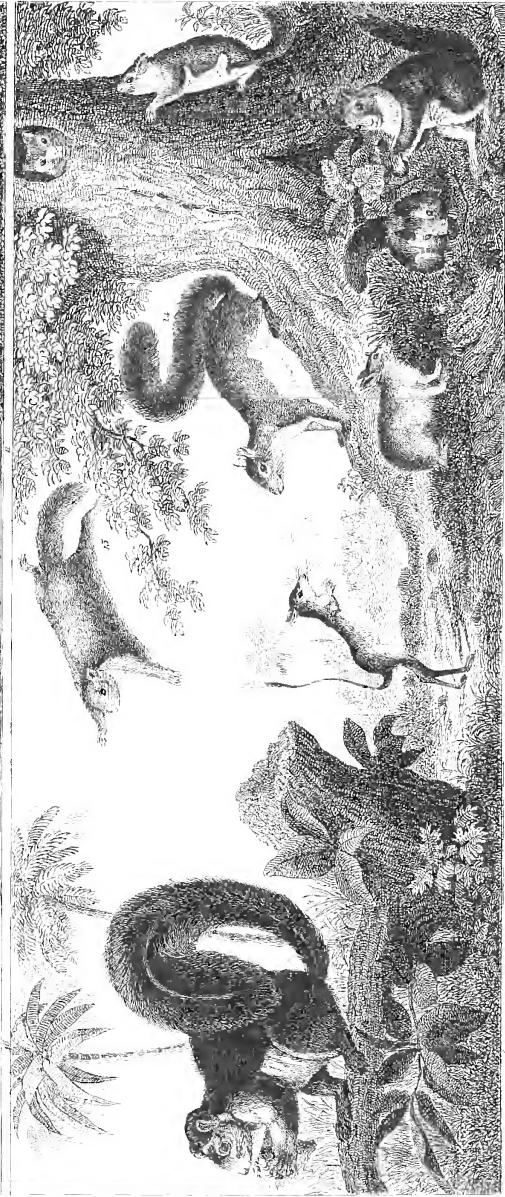
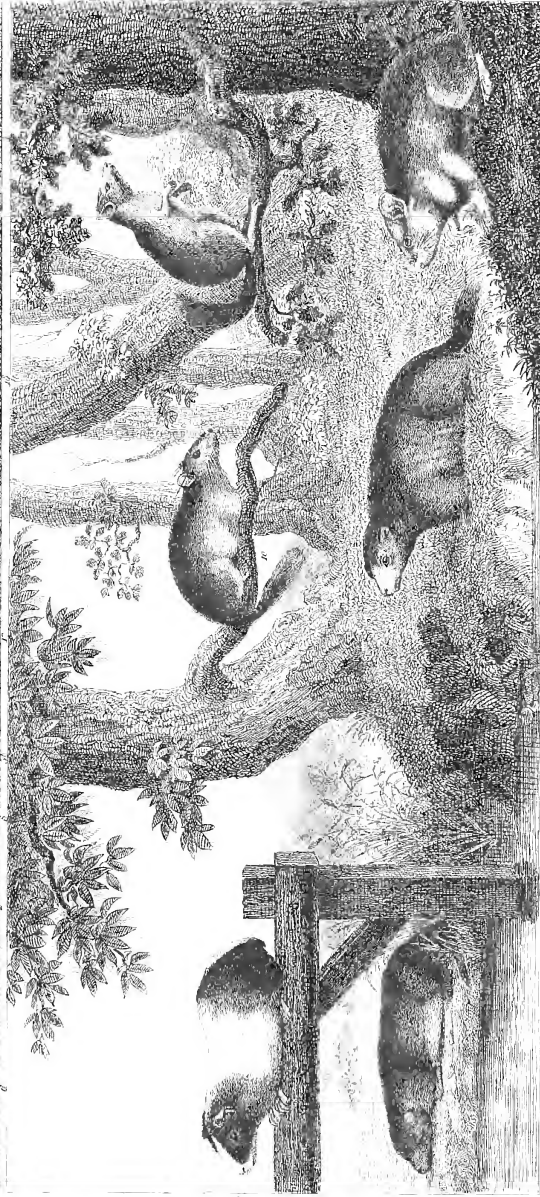
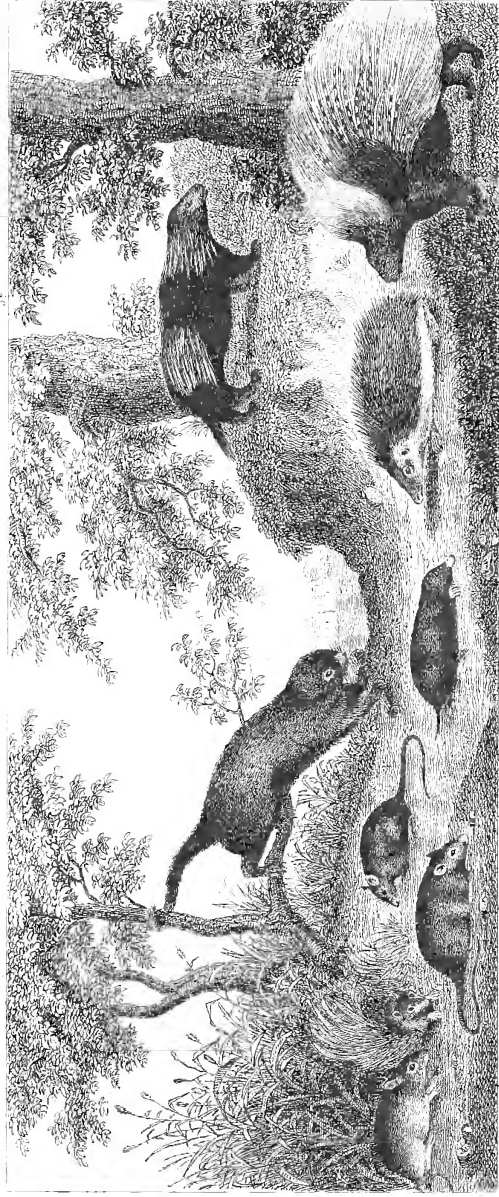


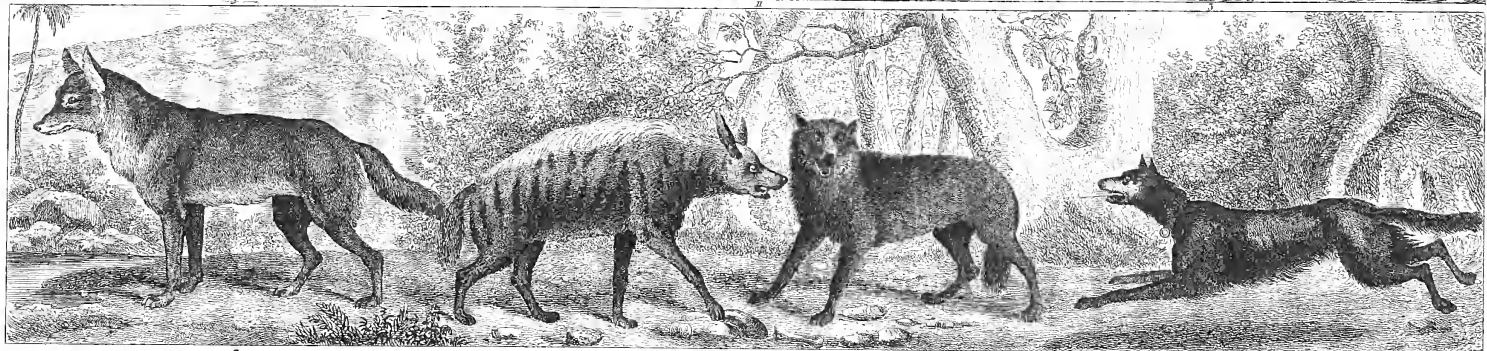
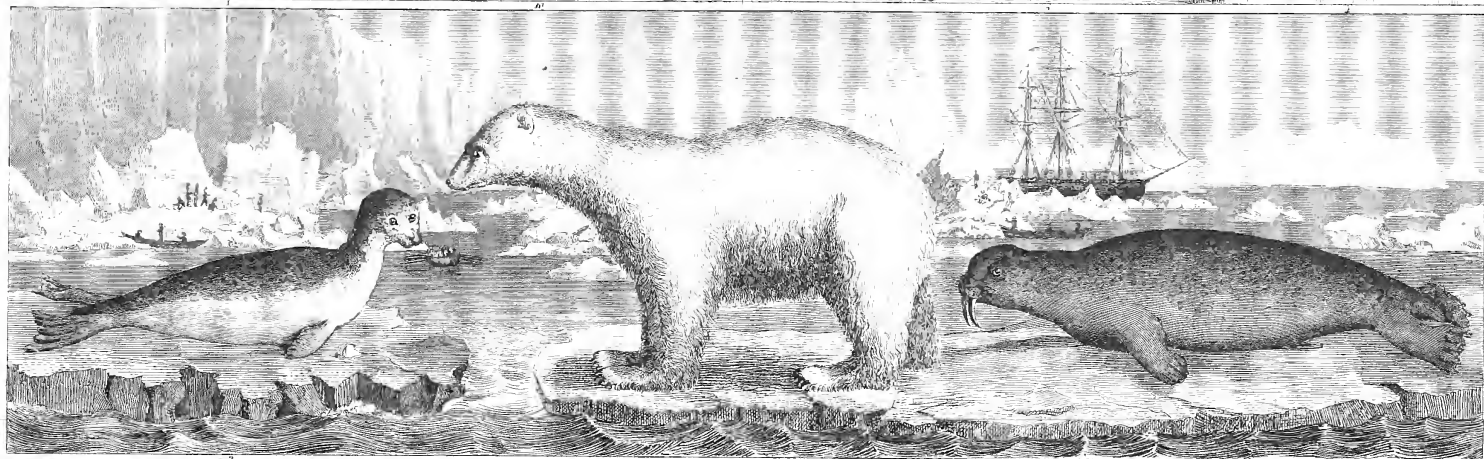
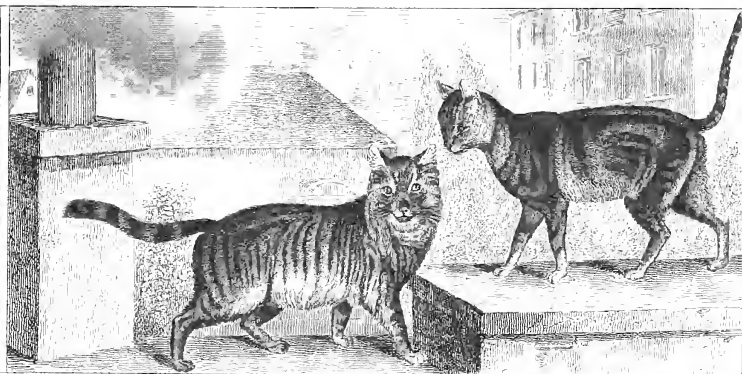
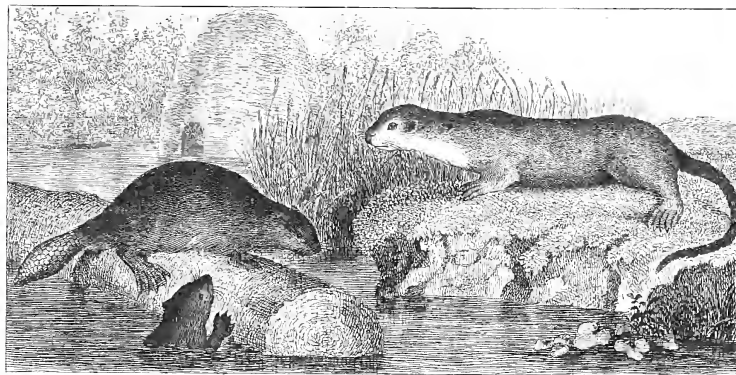


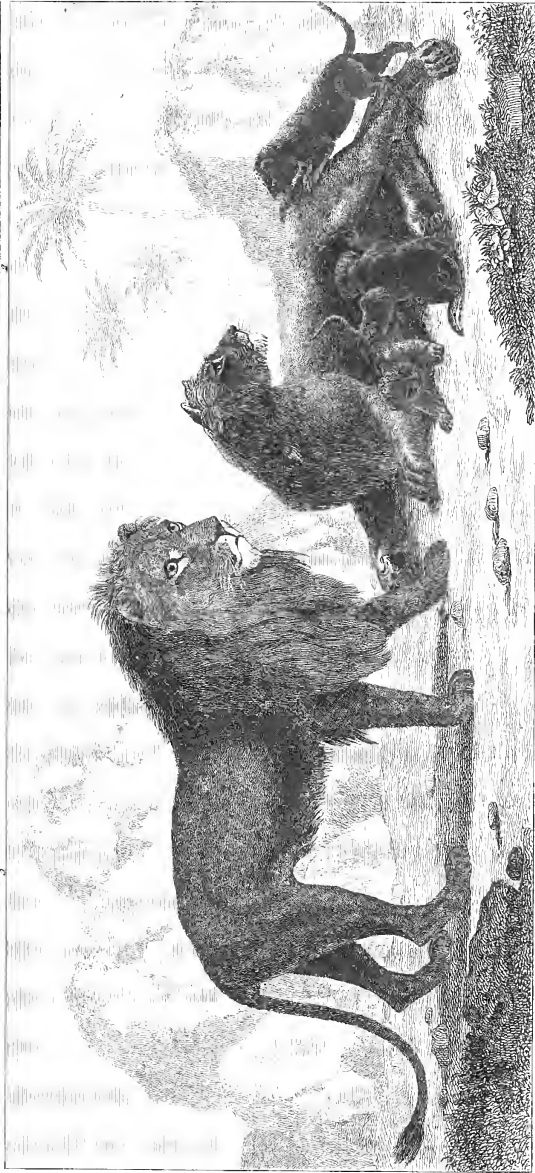
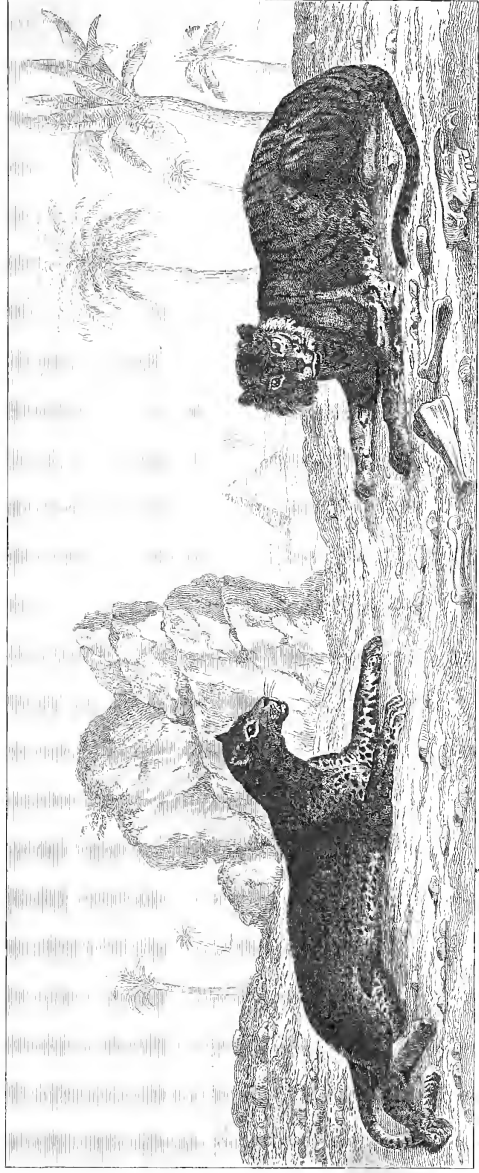




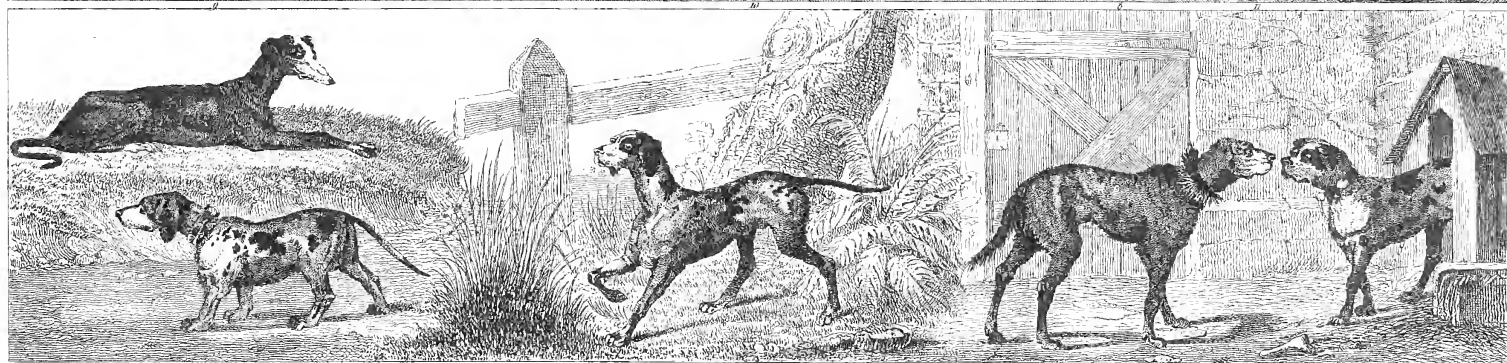
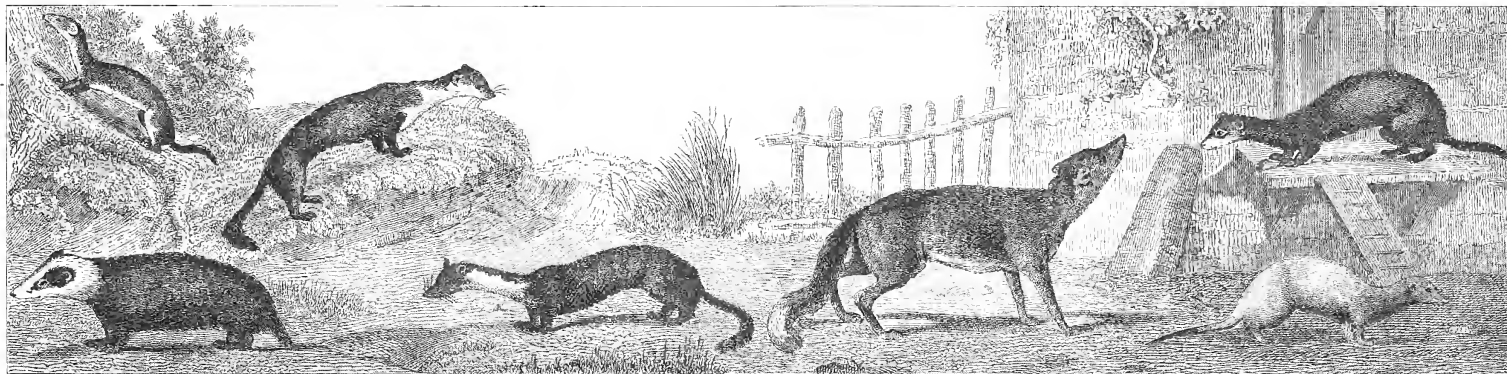


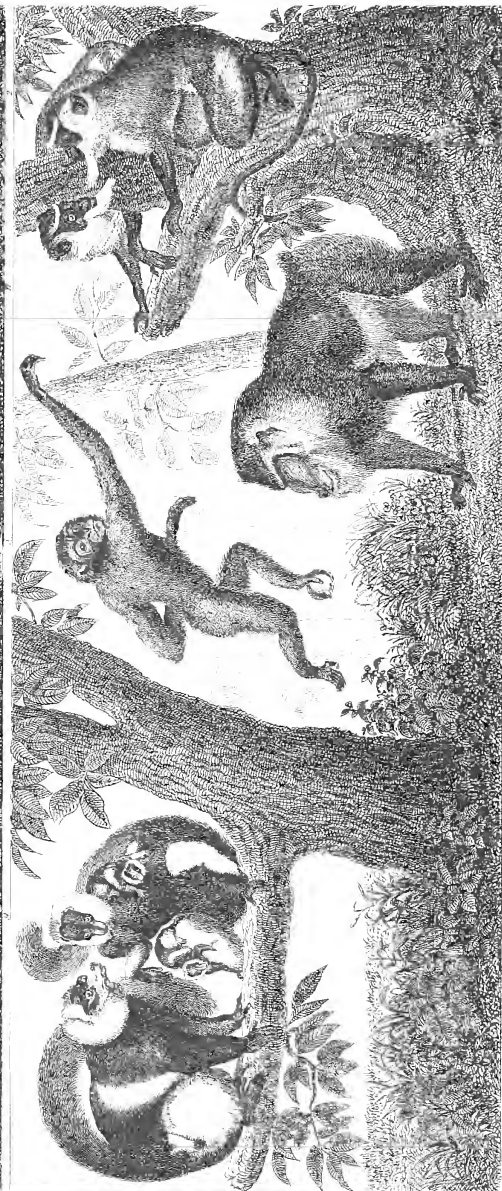
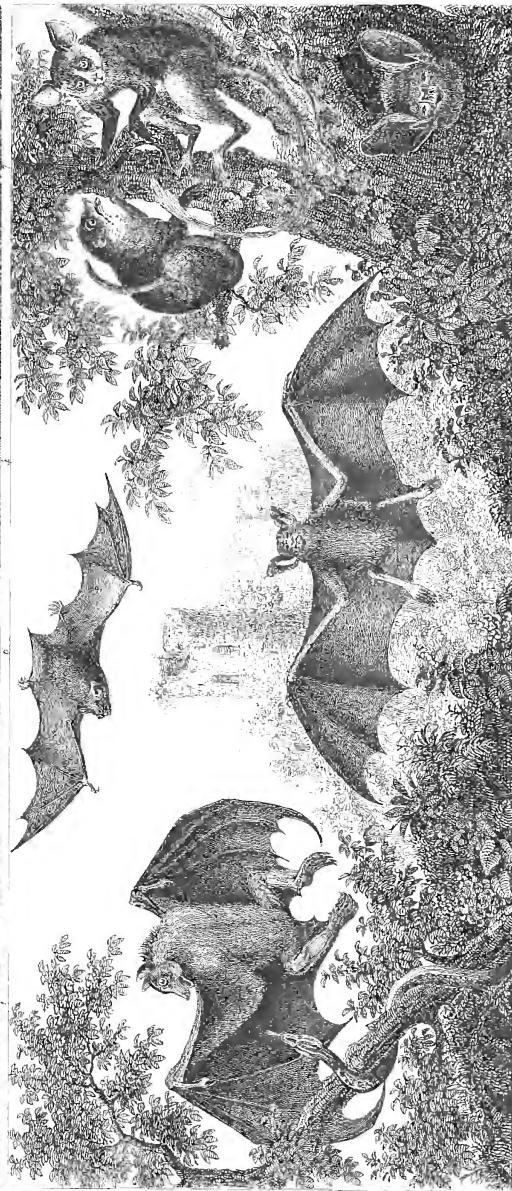
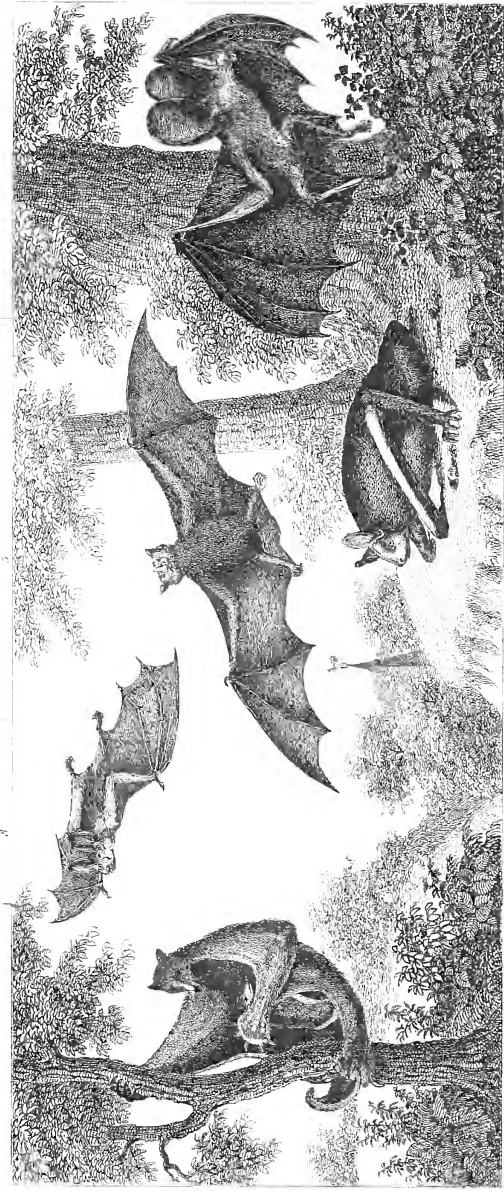




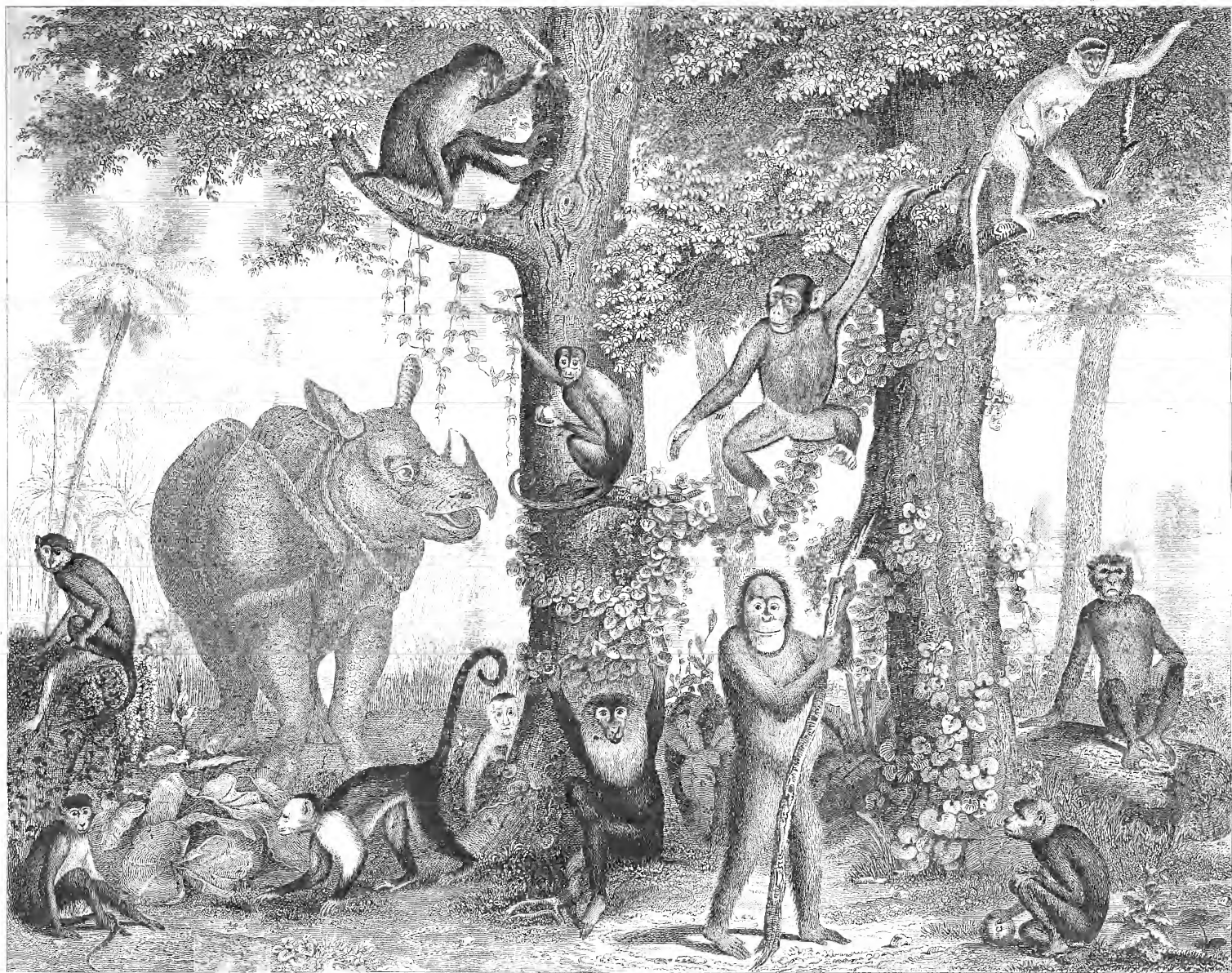




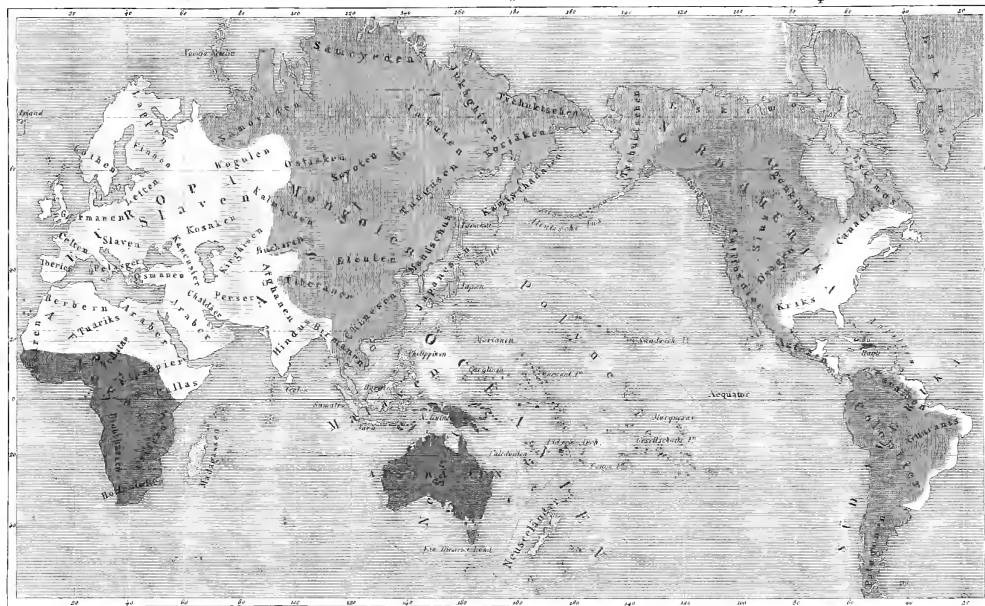




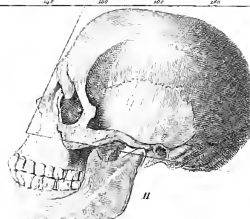
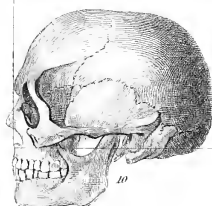




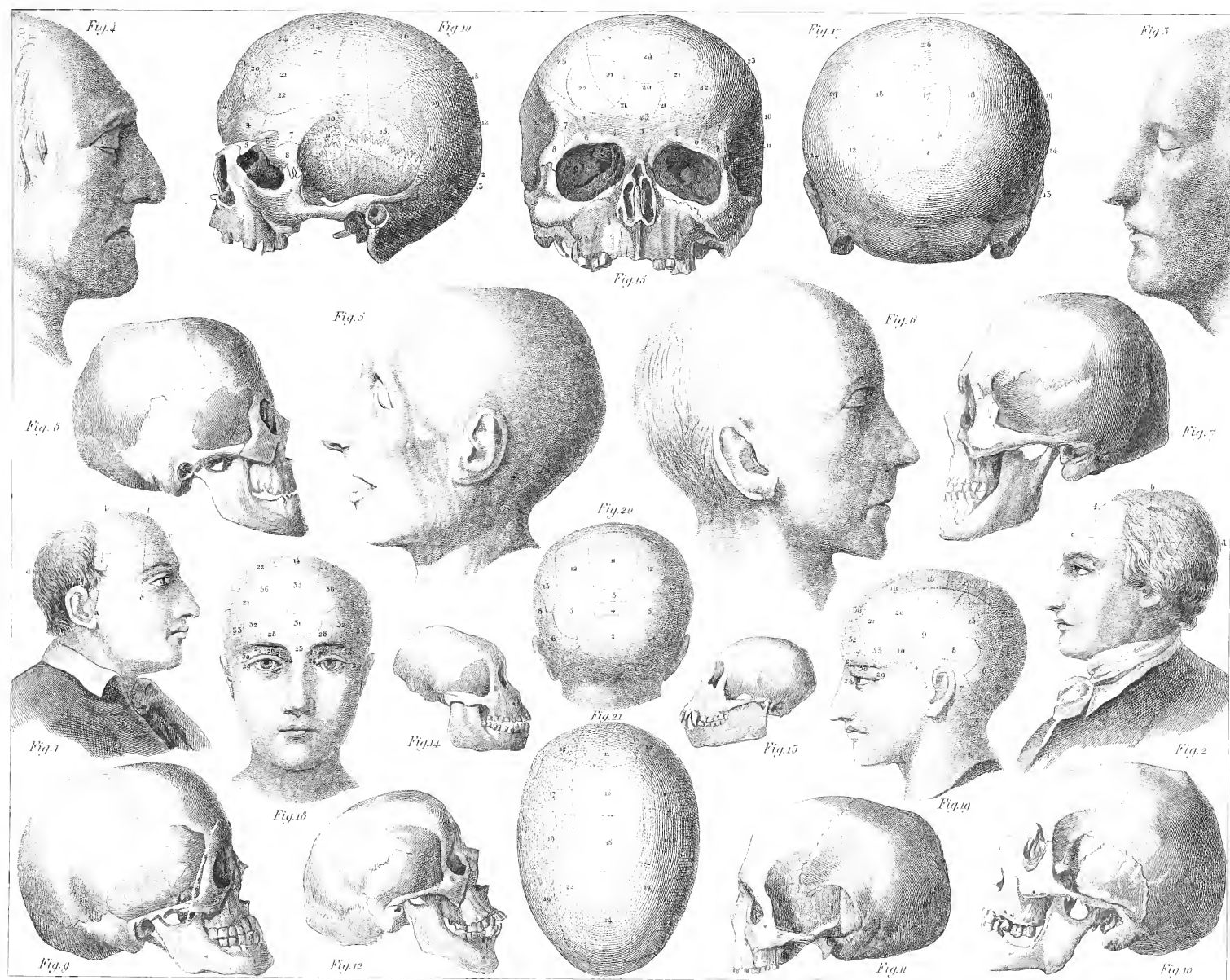


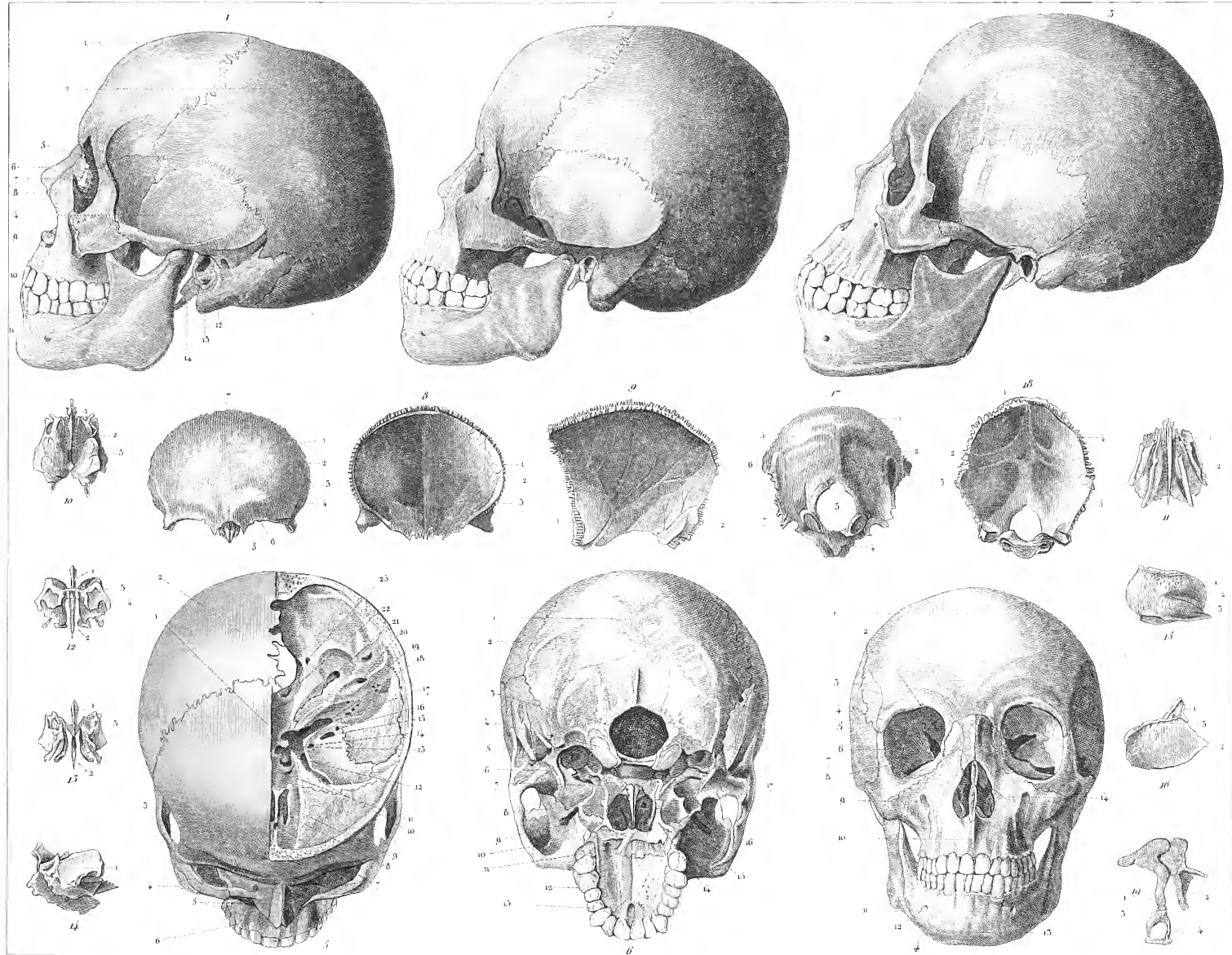


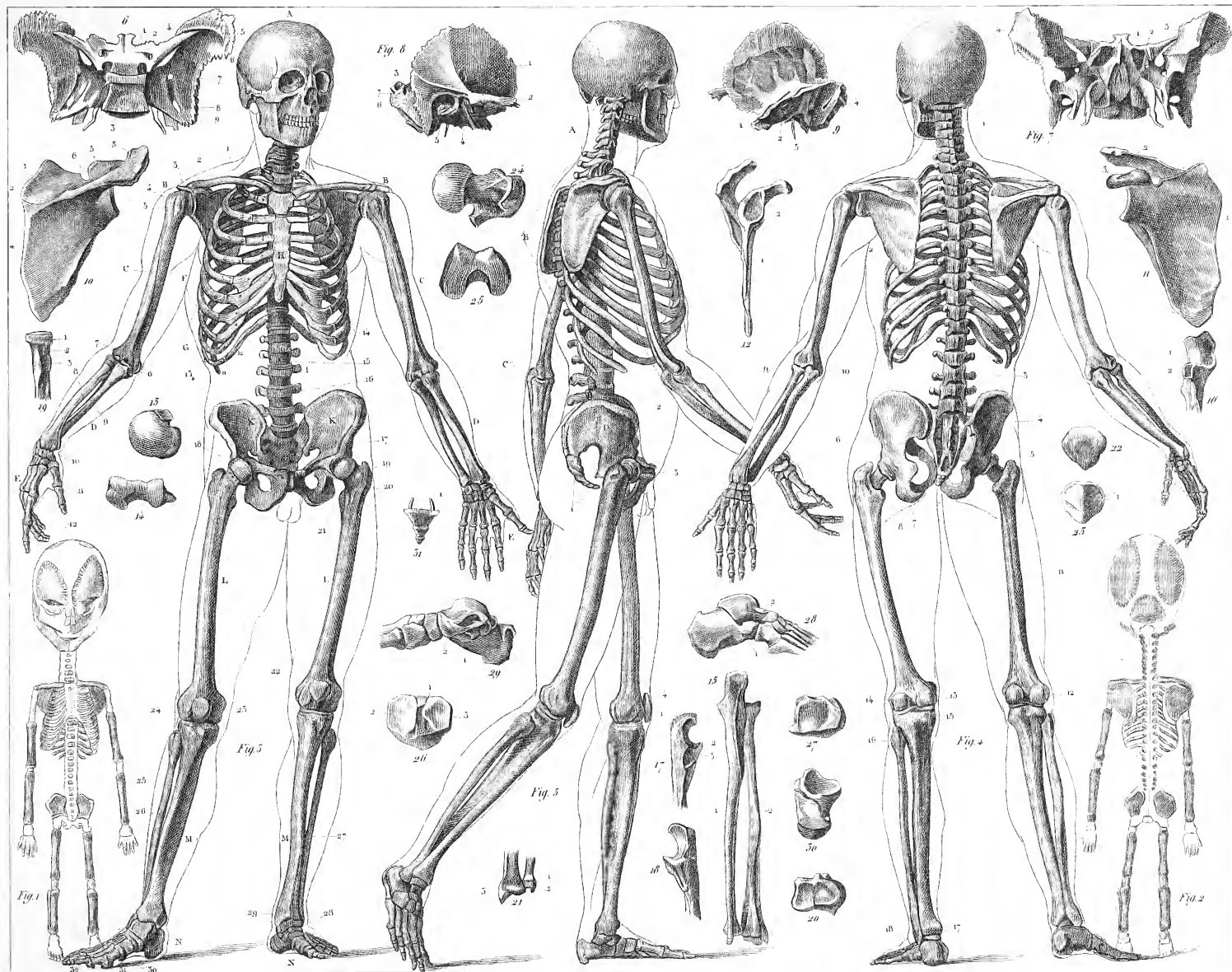
- I. Kaukasische oder Weiße Race
 II. Mongolische oder Gelbe Race
 III. Äthiopische oder Schwarze Race
 IV. Amerikanische oder Kupferfarbige Race
 V. Malayische oder Braunfarbige Race

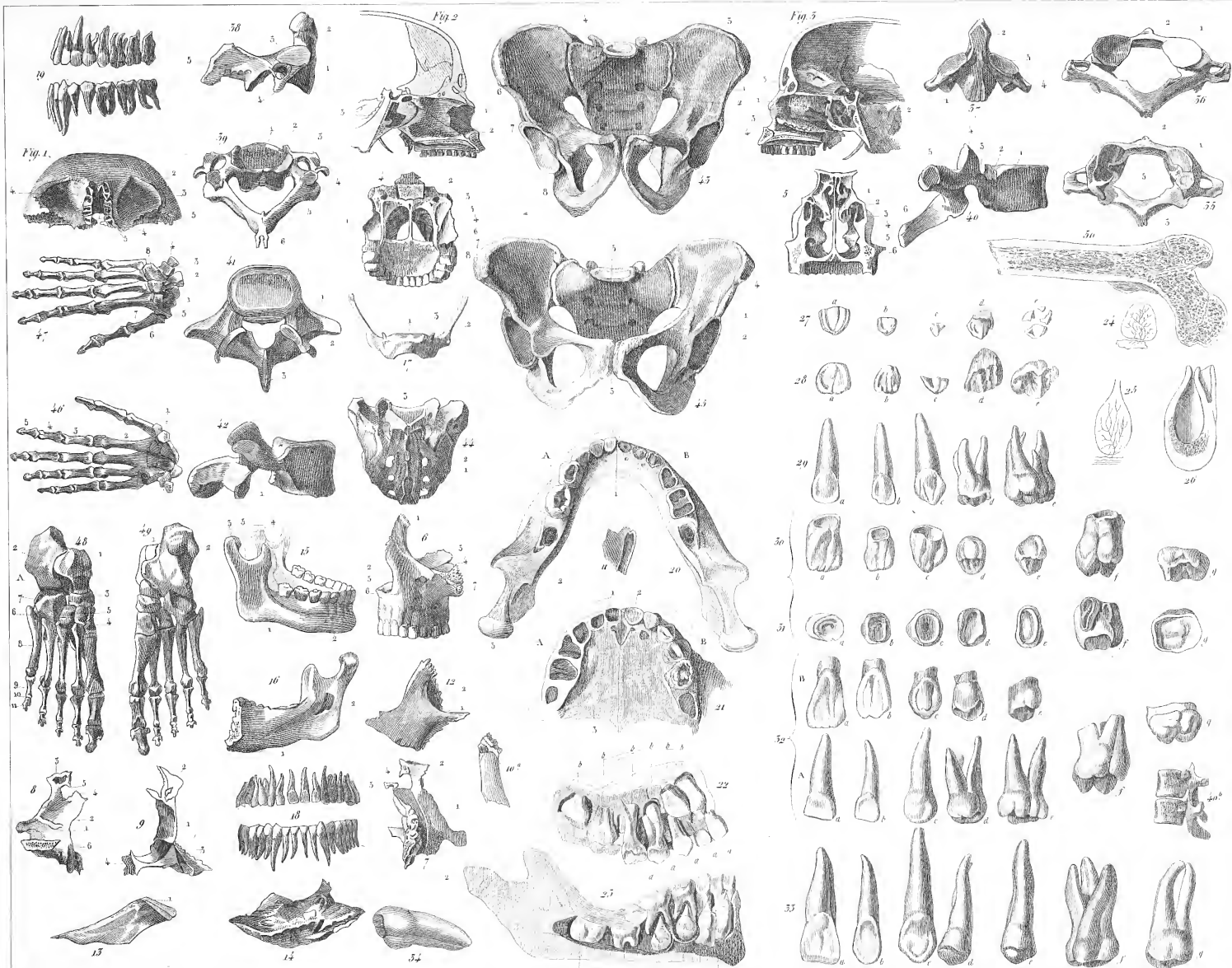


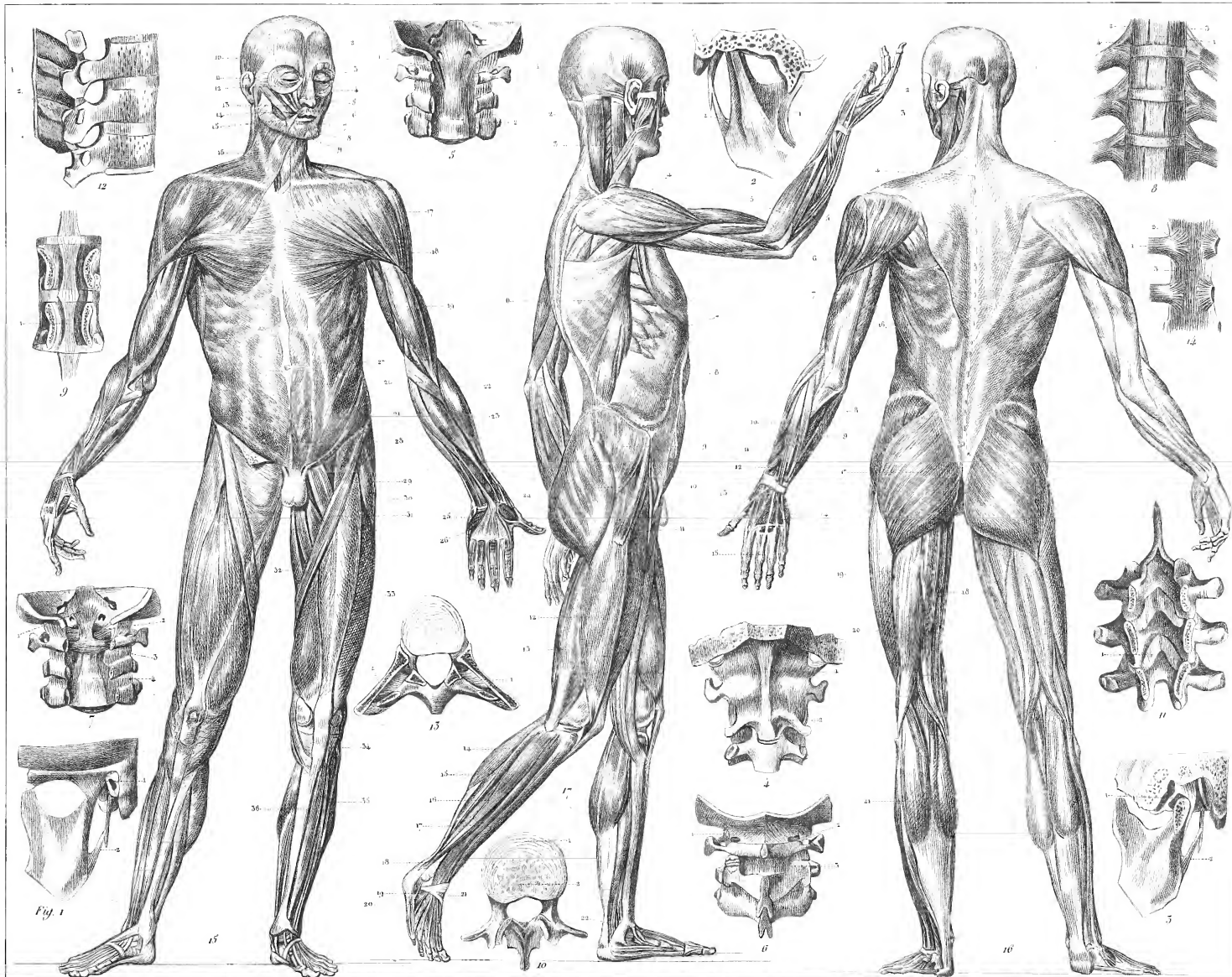
- Fig. 10. Grundzuge Typus der Kaukasischen Race
 Fig. 11. Grundzuge der Mongolischen Race
 Fig. 12. Grundzuge der Äthiopischen Race
 Fig. 13. Grundzuge der Kupferfarbigen Race
 Fig. 14. Grundzuge der Braunfarbigen Race

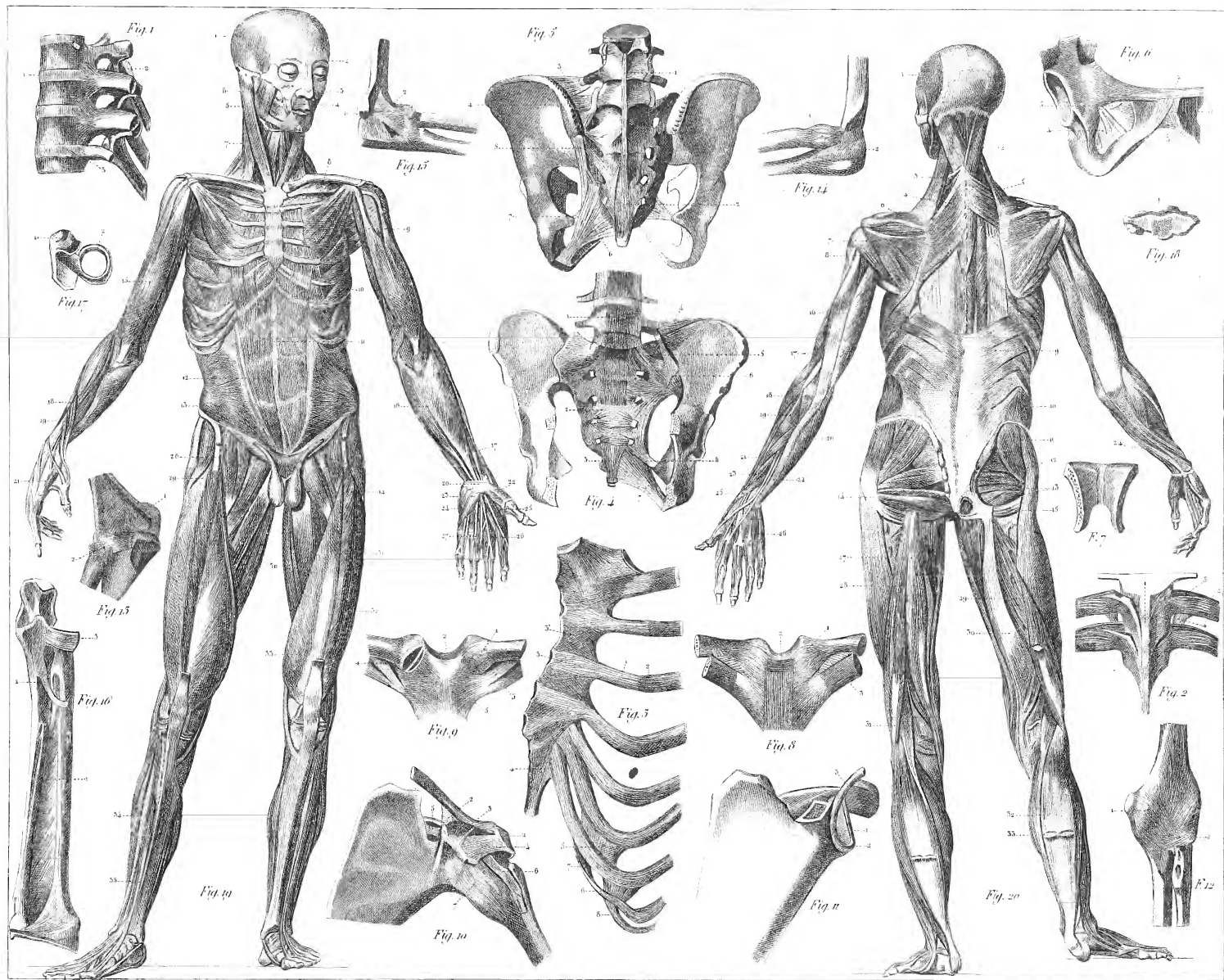


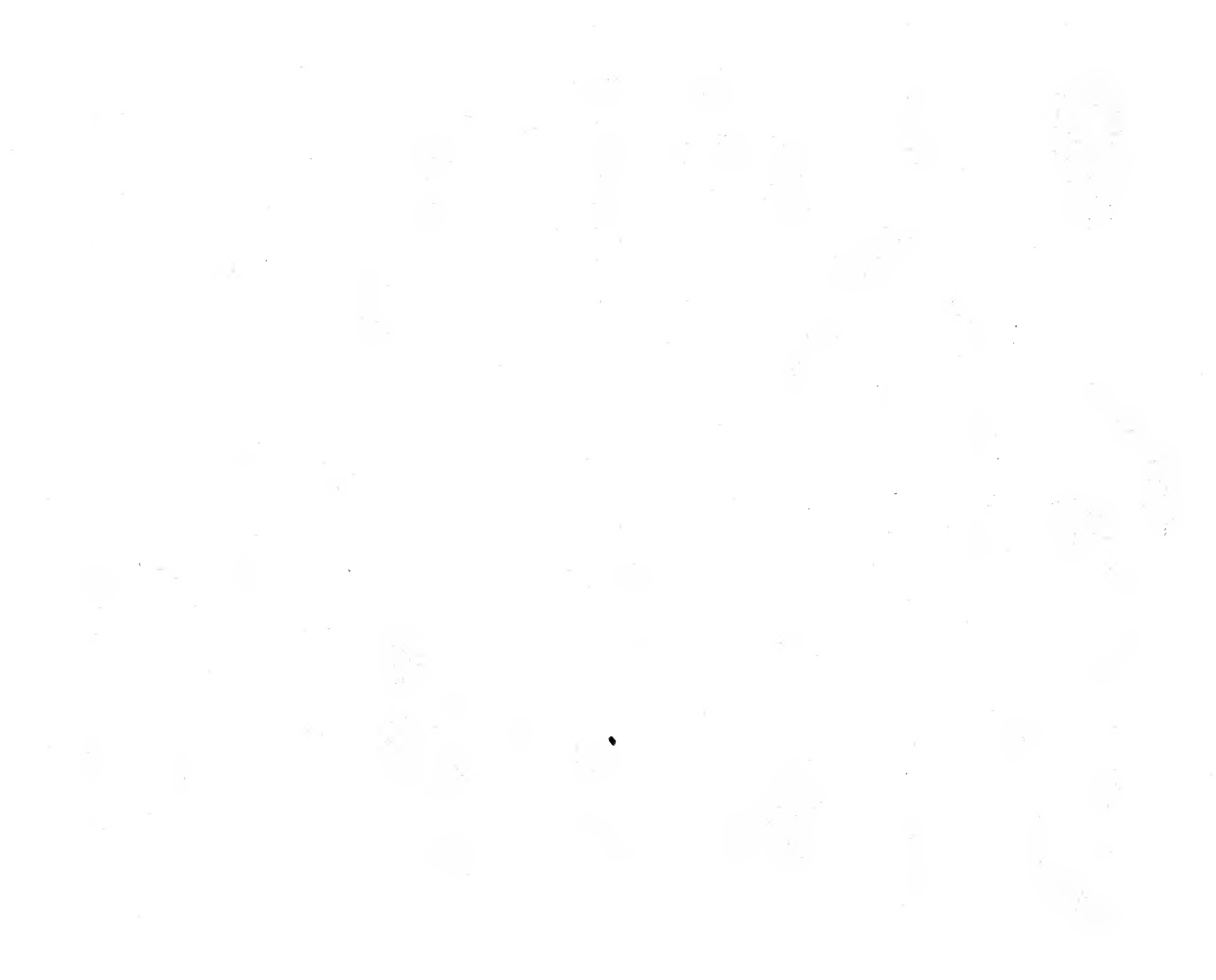


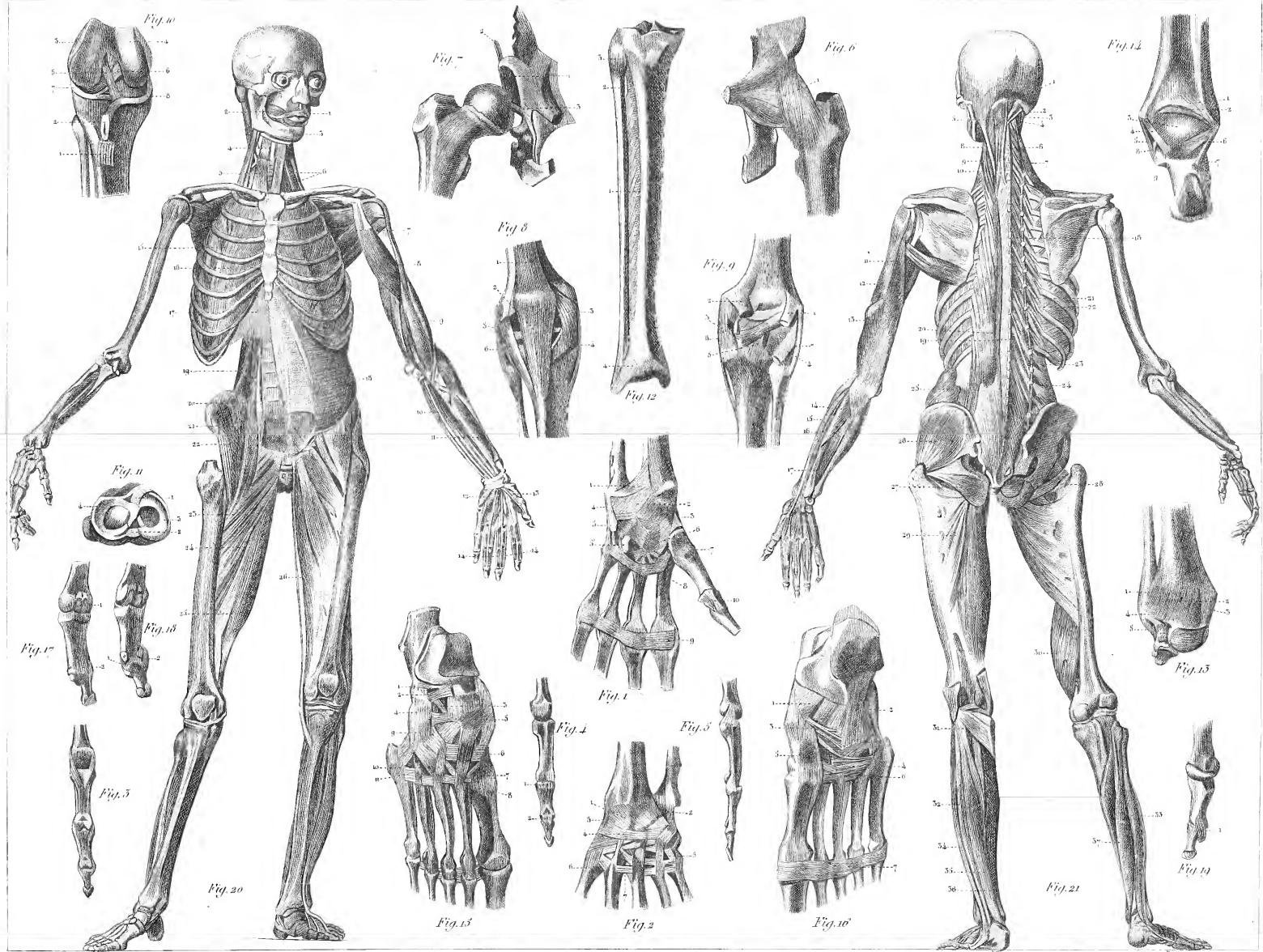












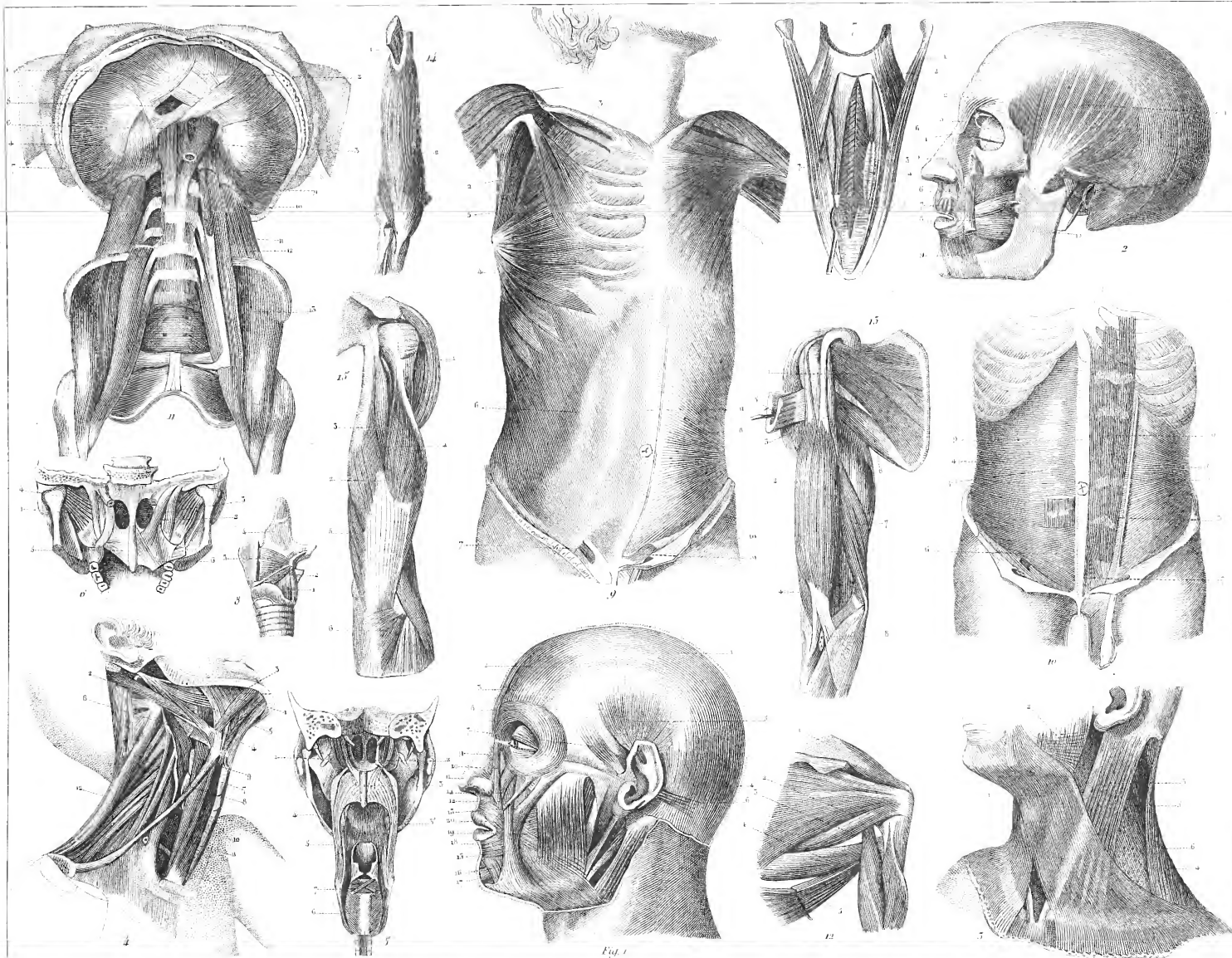
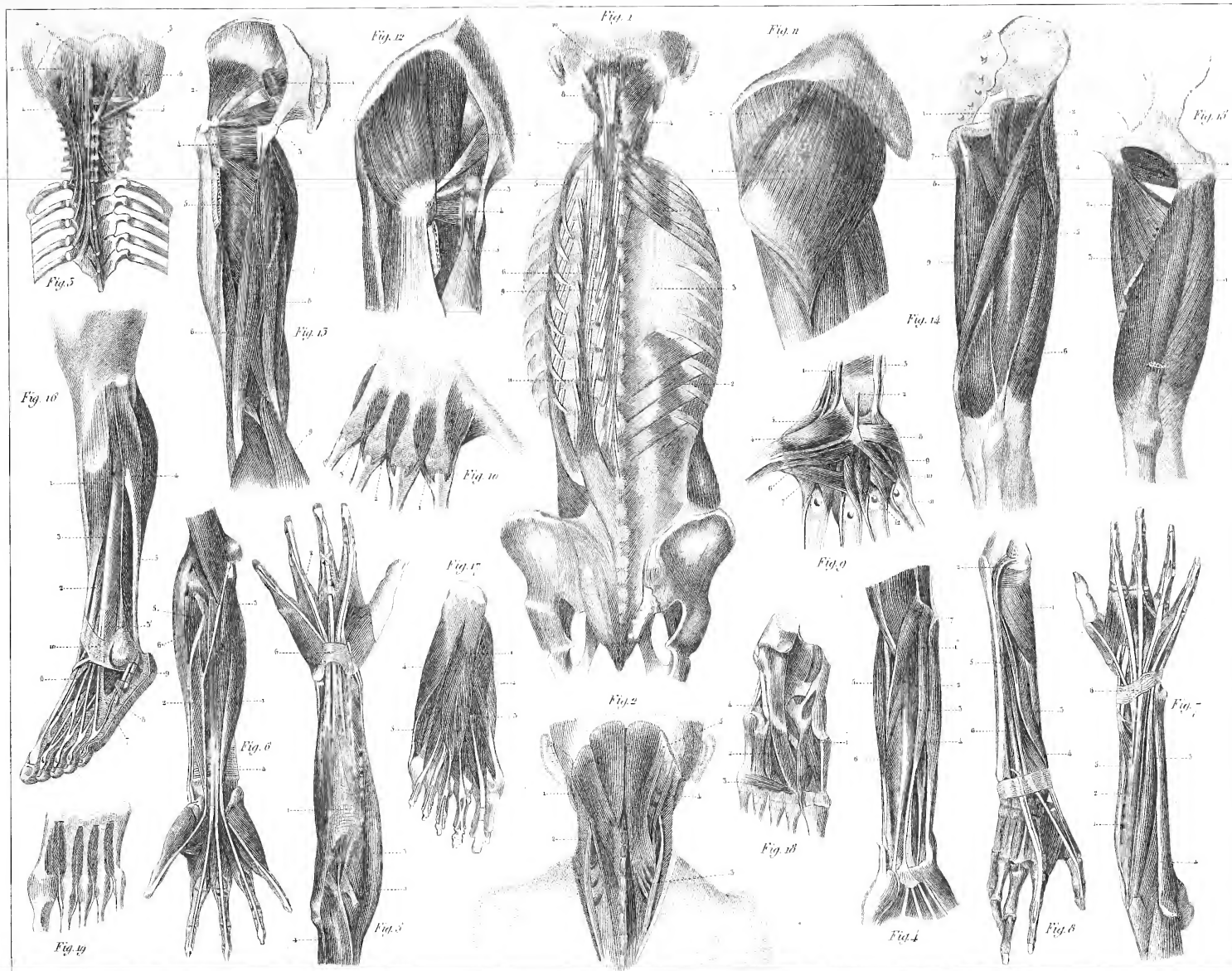
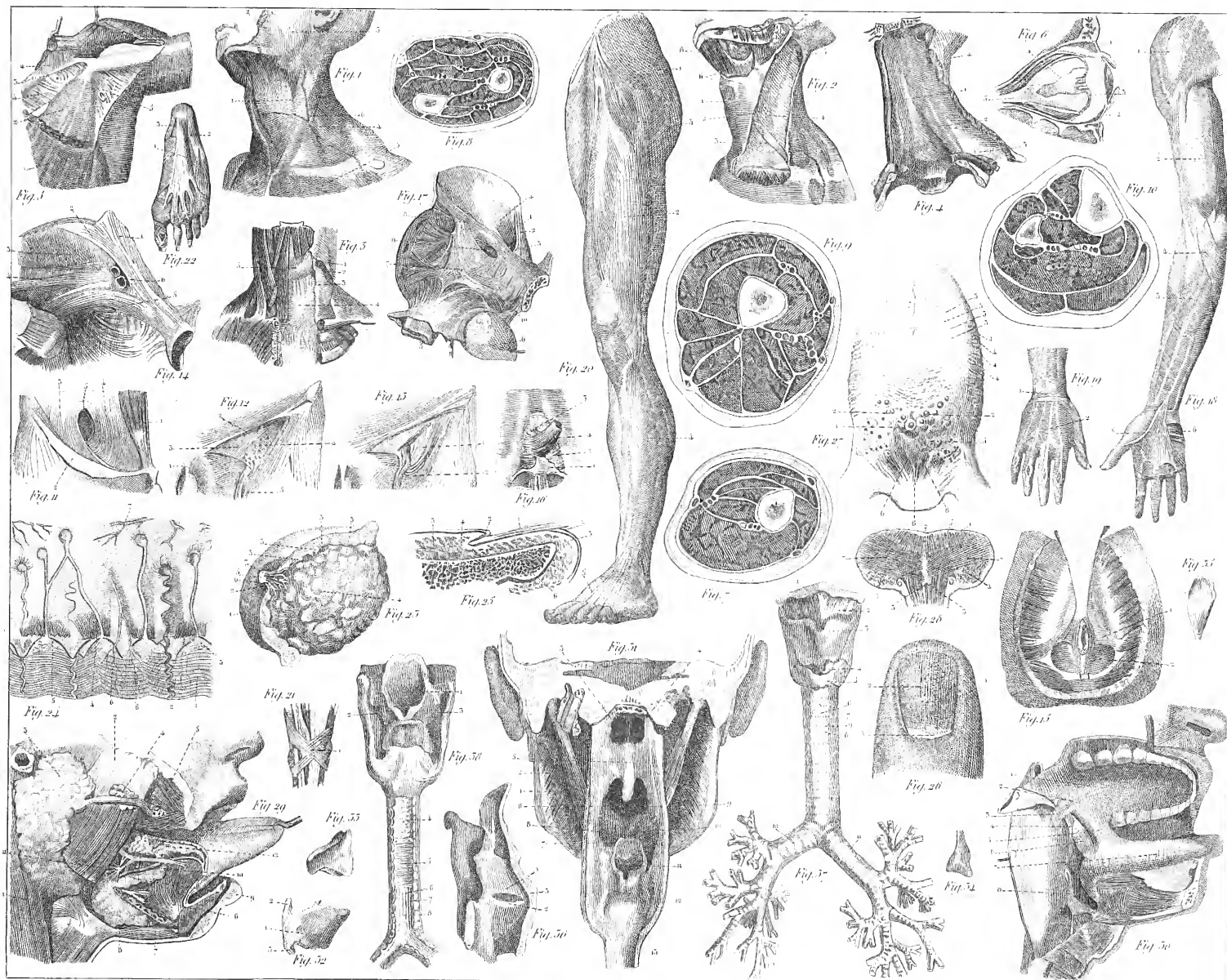
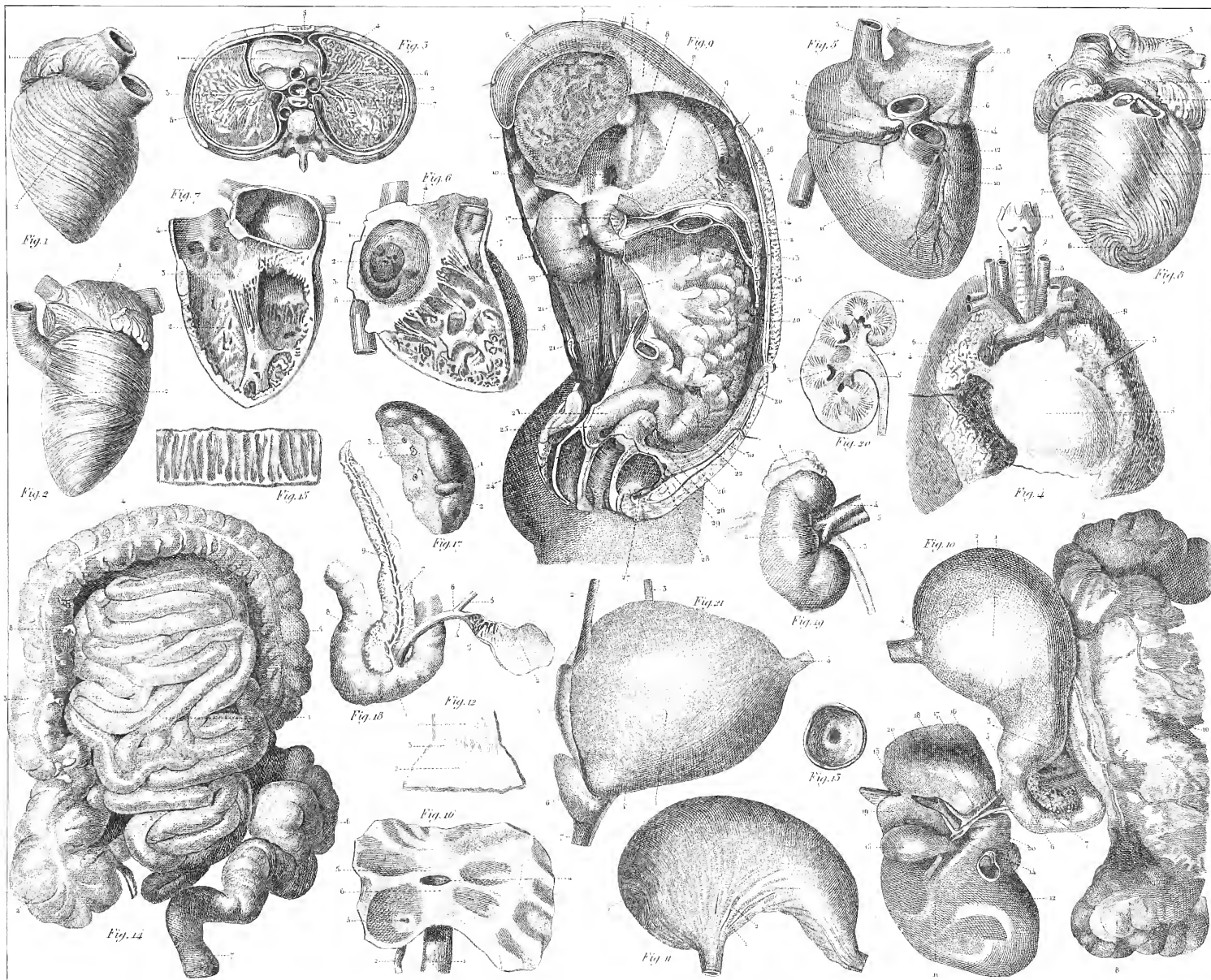
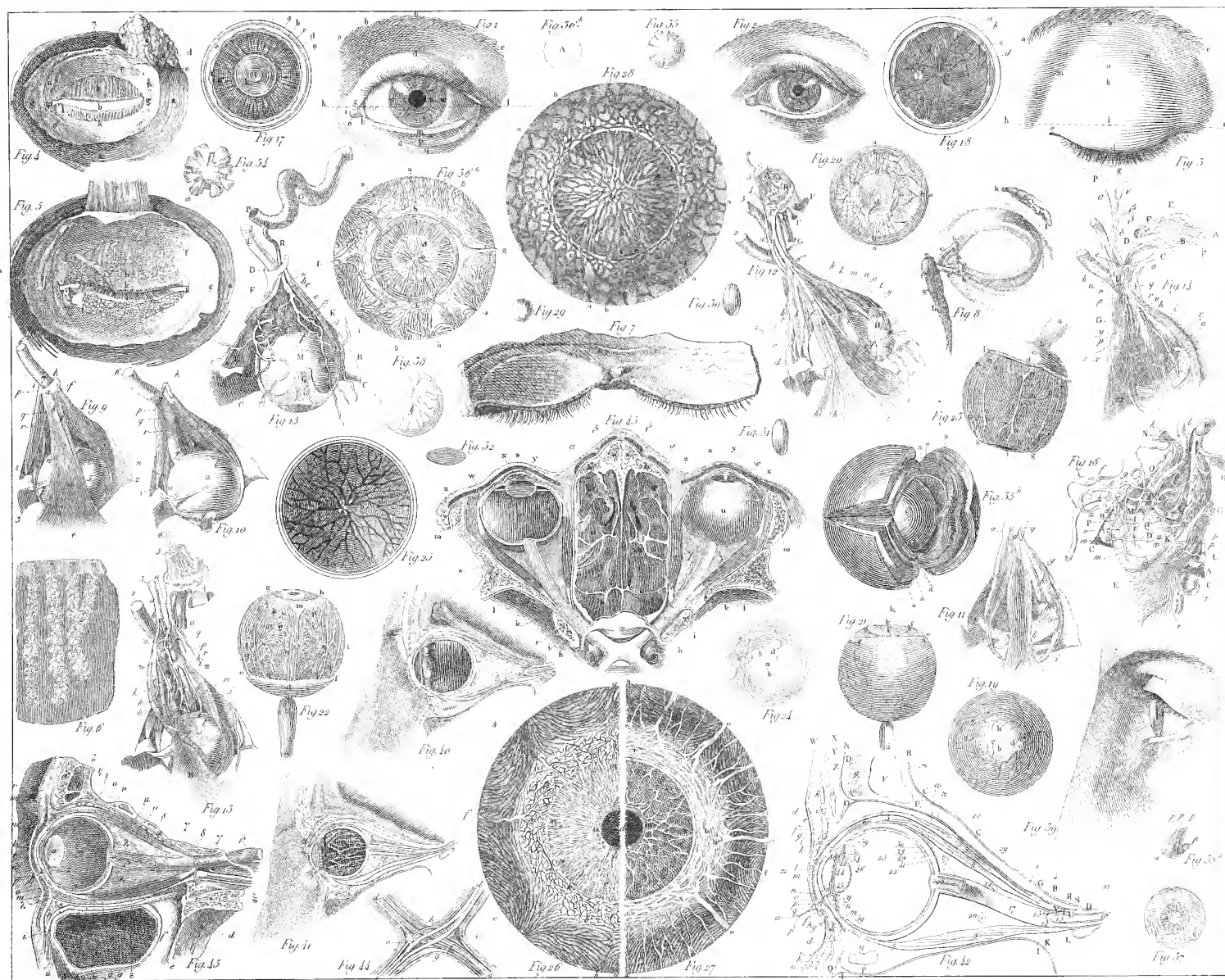


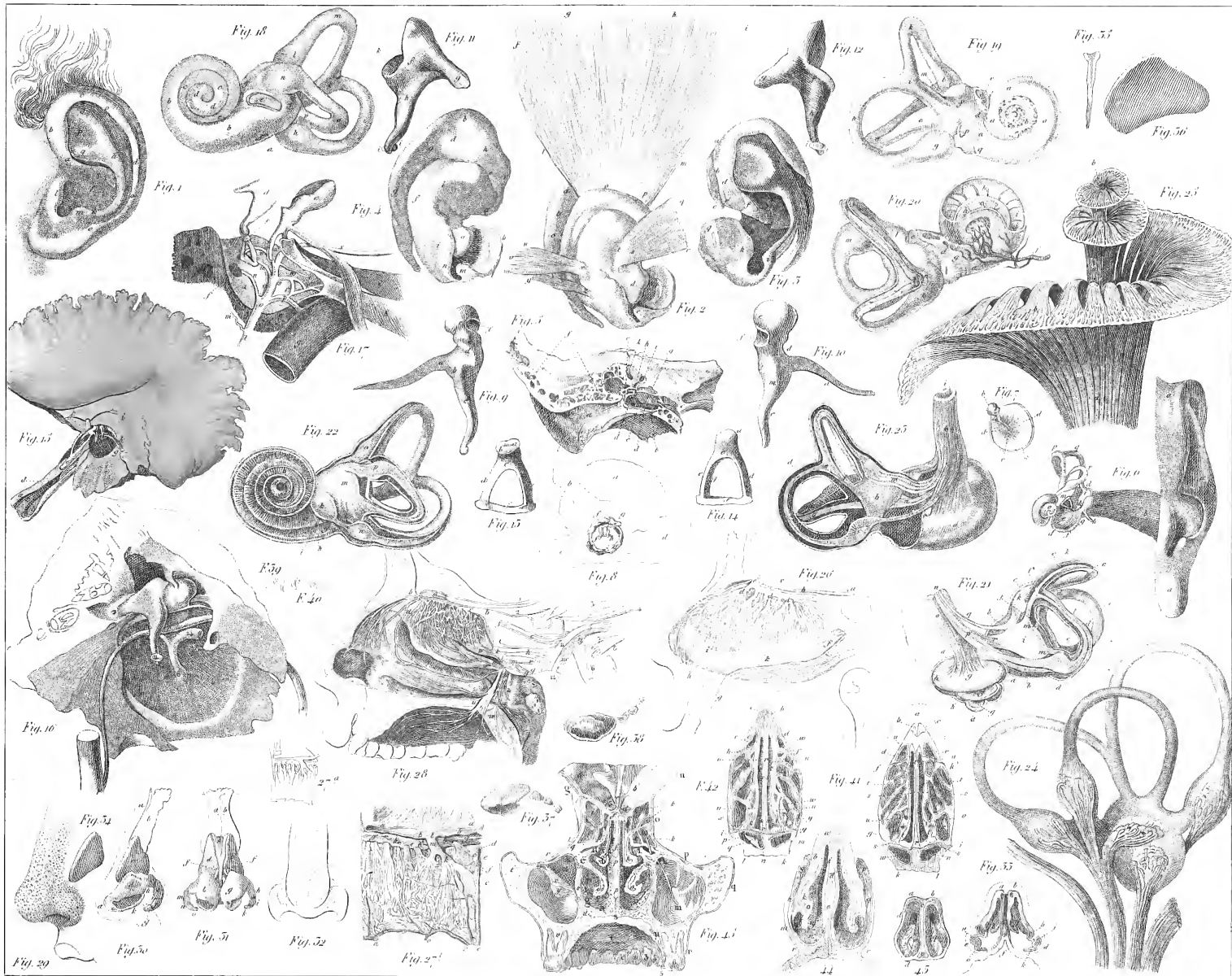
Fig. 1



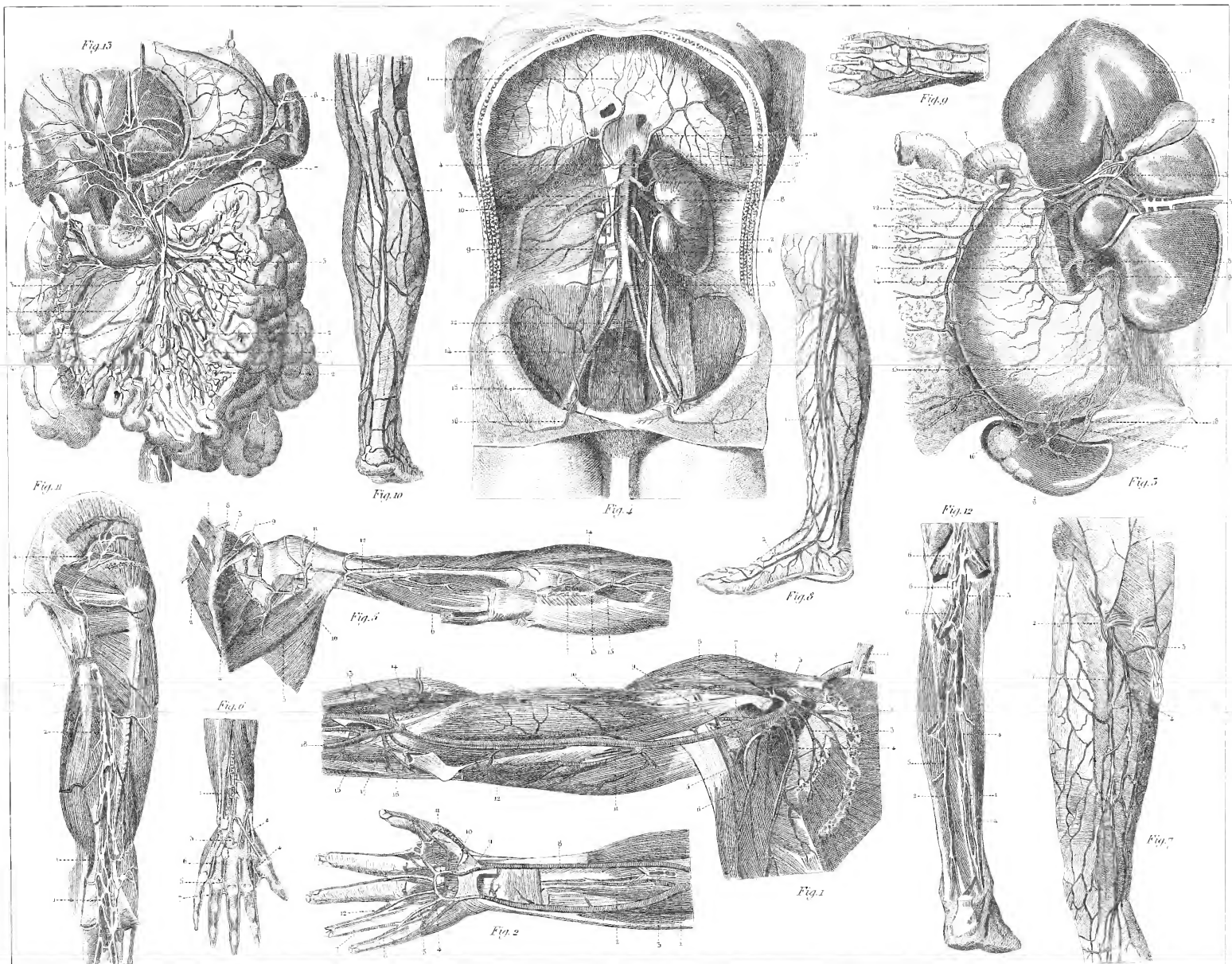


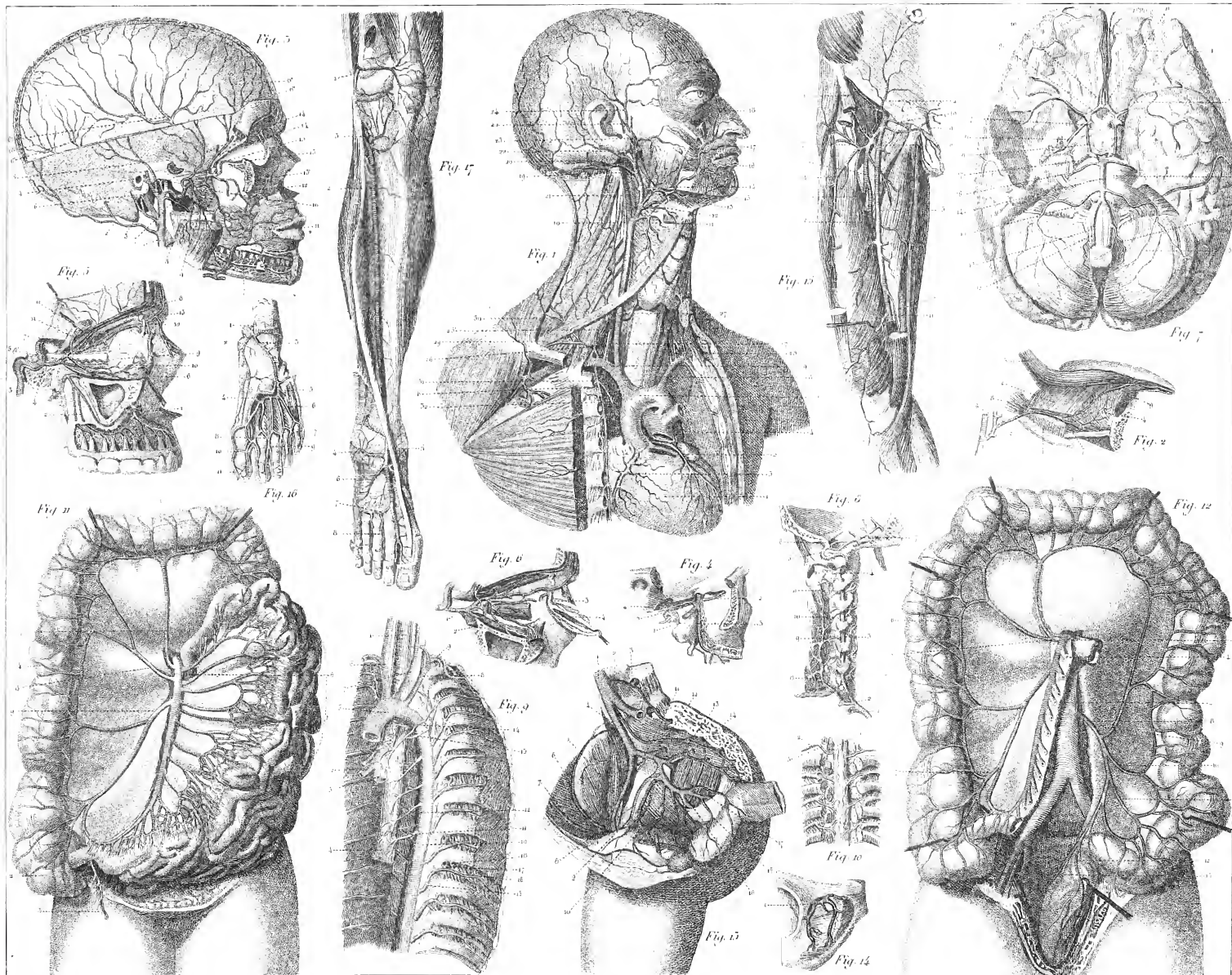


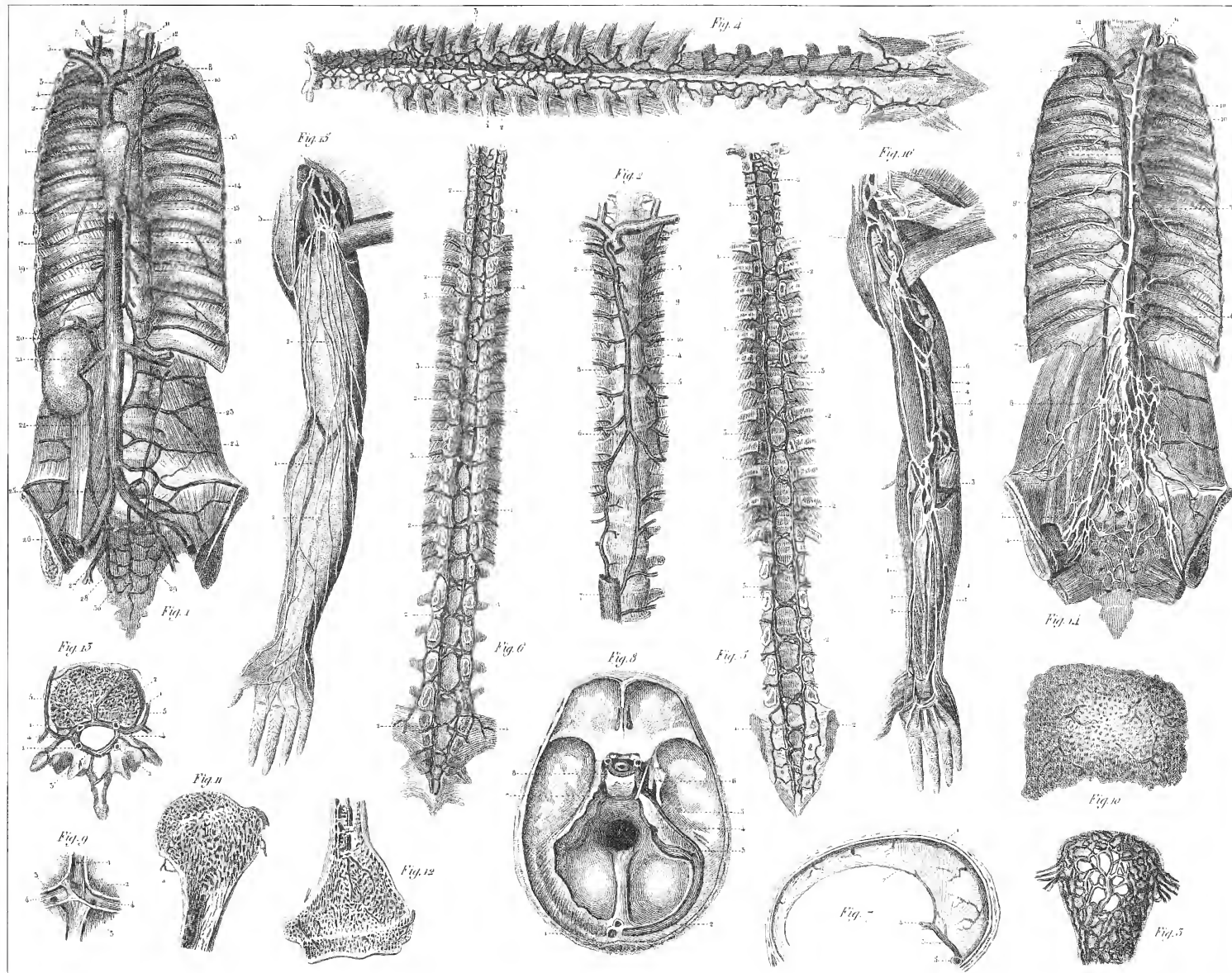


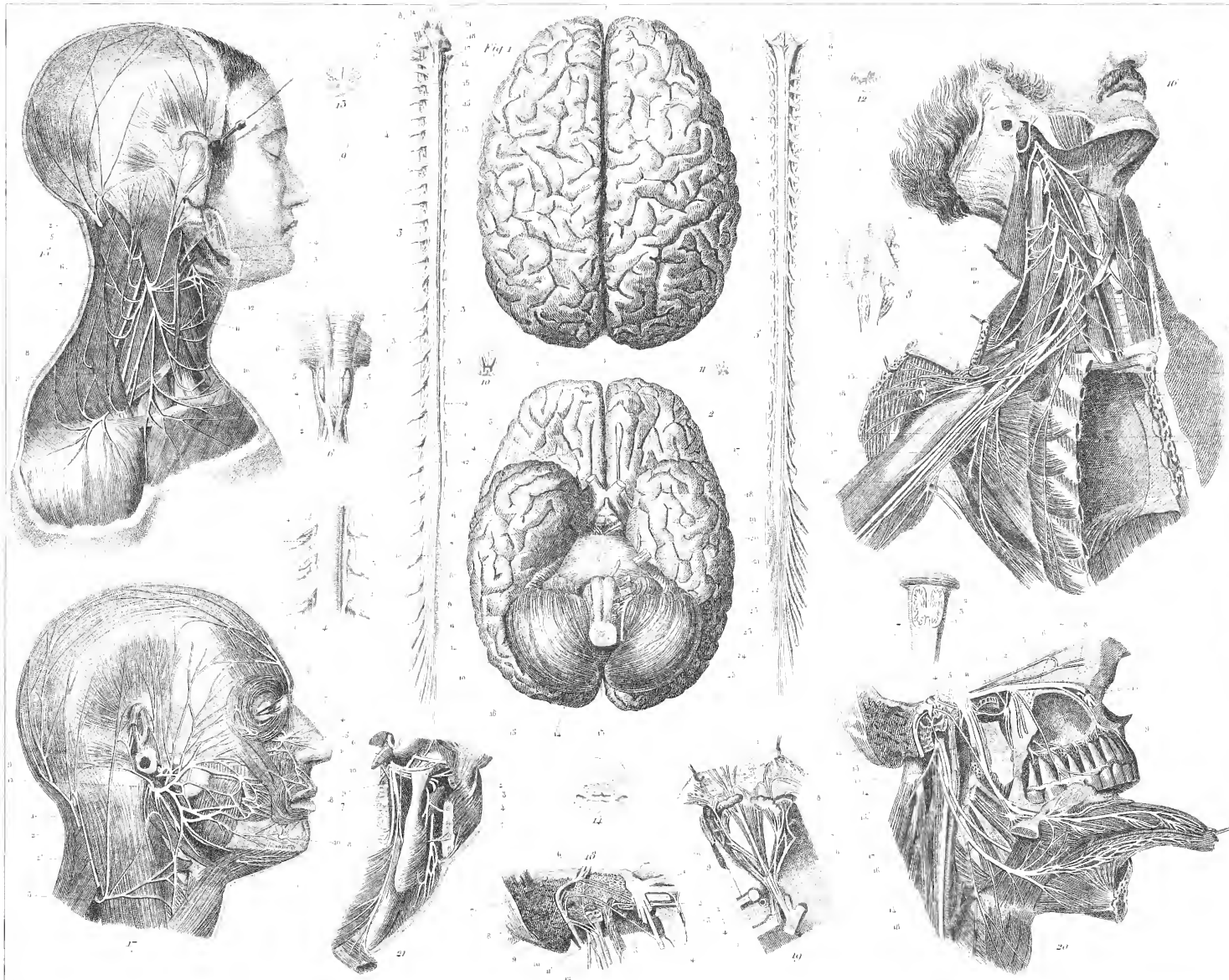


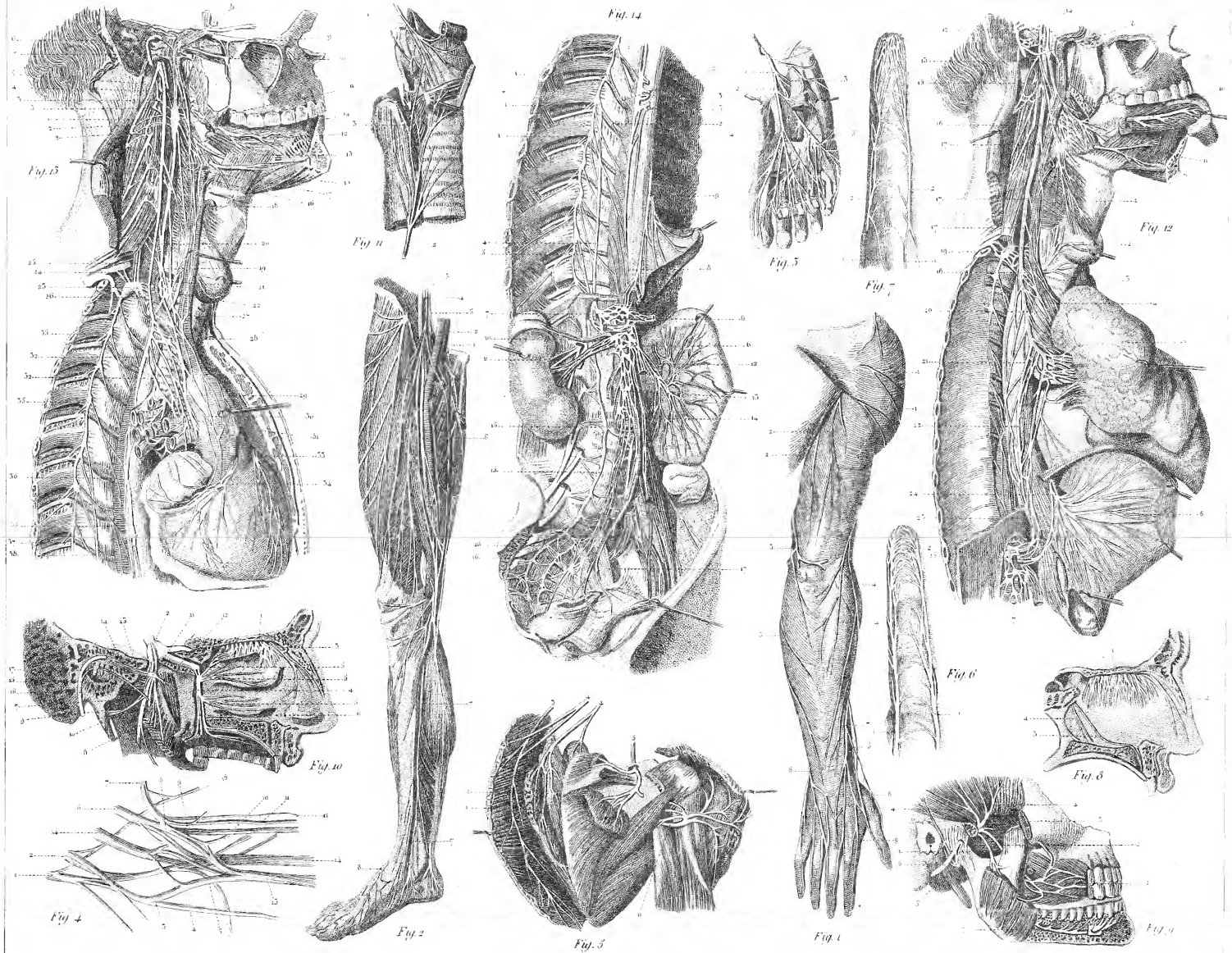


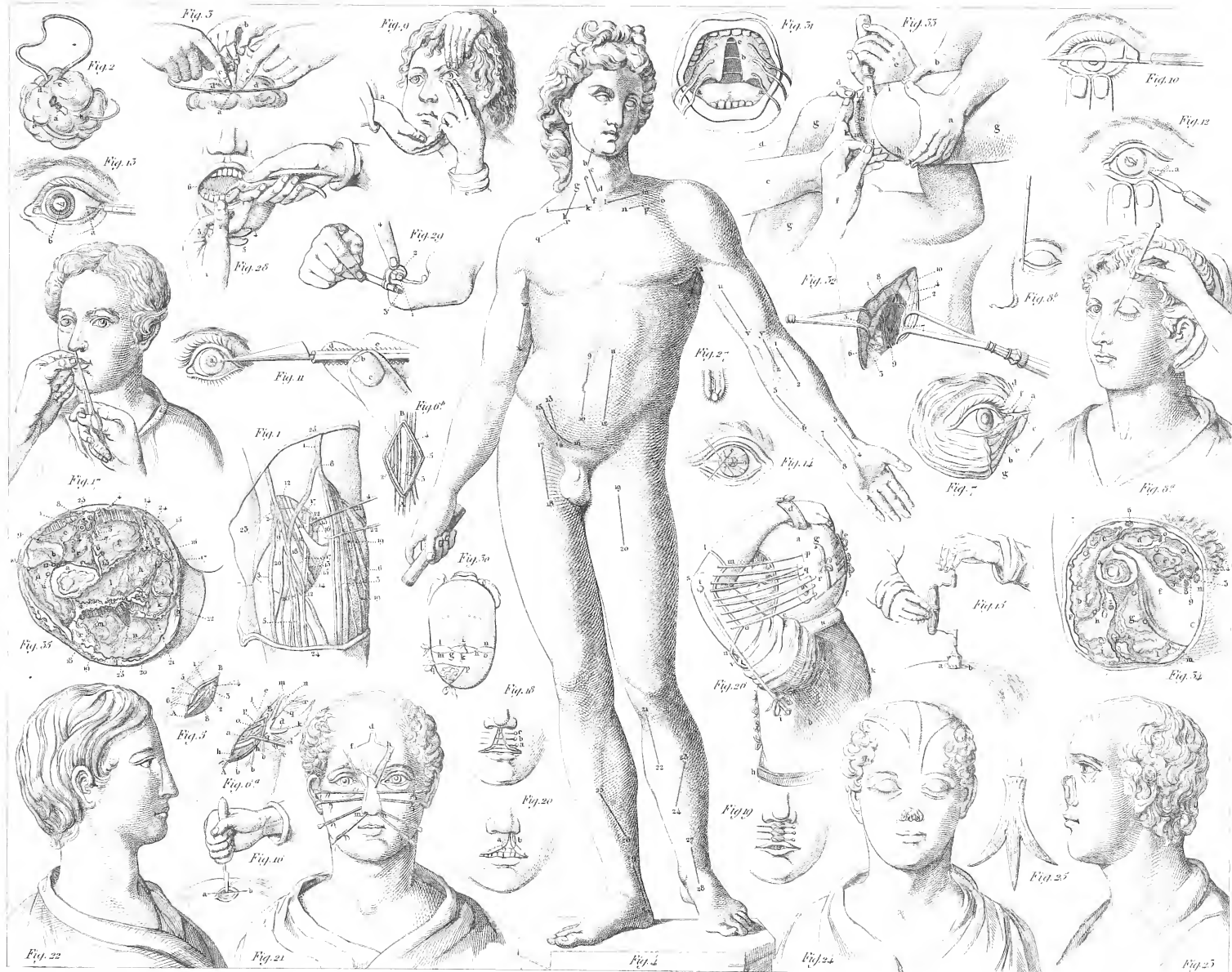


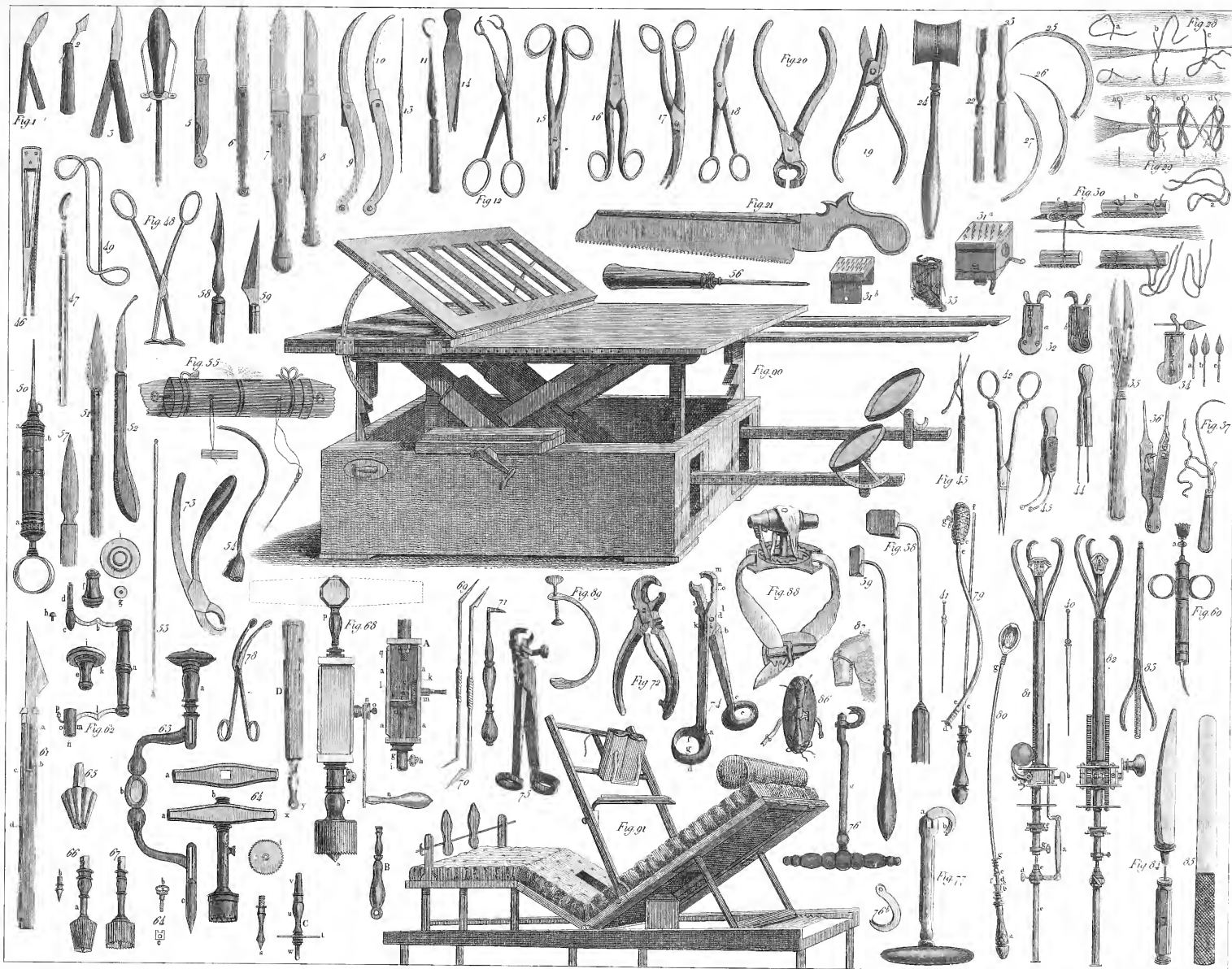












ICONOGRAPHIC ENCYCLOPÆDIA.

DIVISION III.

GEOGRAPHY AND PLANOGRAPHY.

FORTY-TWO PLATES.

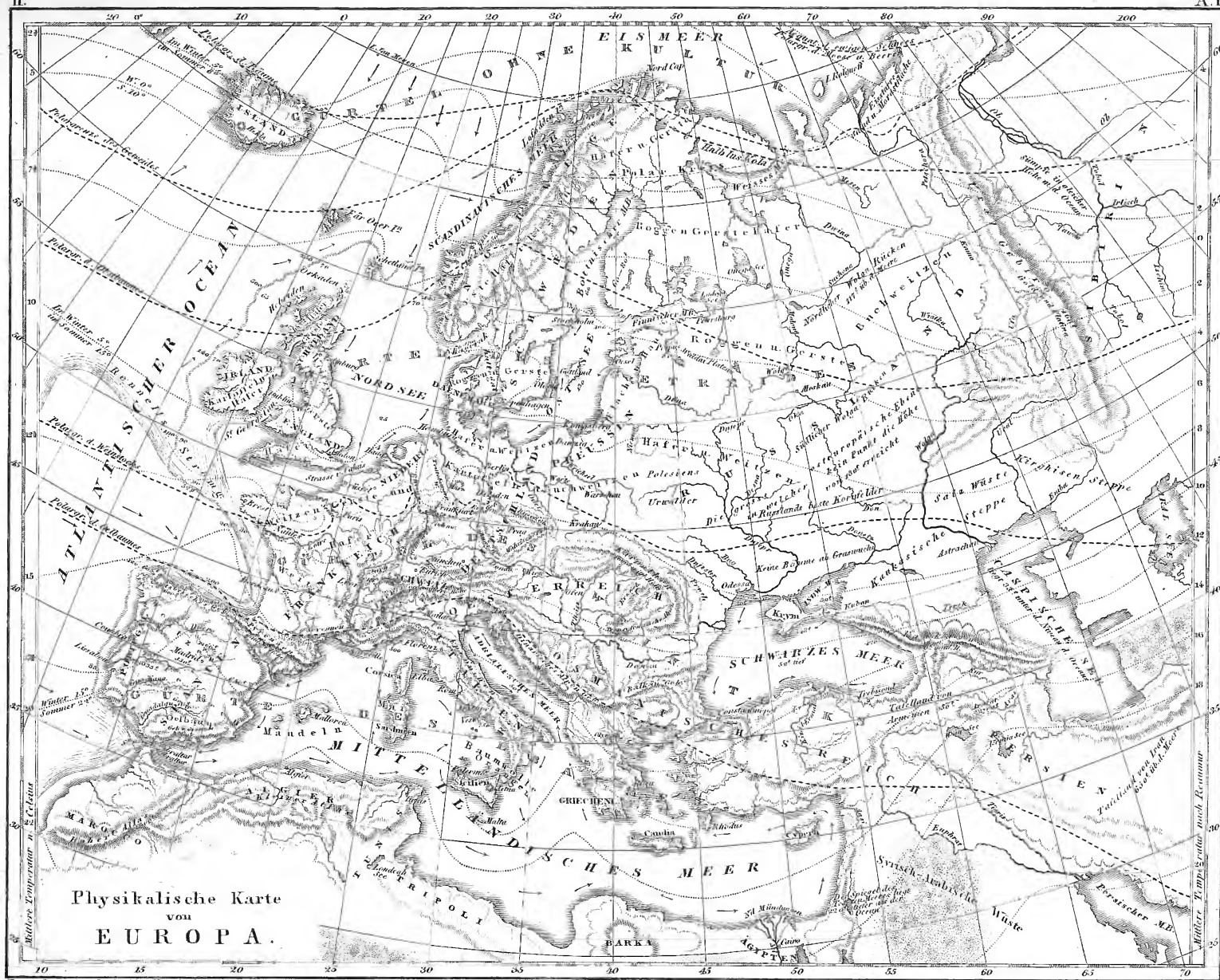
[THE LIST OF THE FIGURES ON THE PLATES WILL BE FOUND IN THE TABLES OF CONTENTS OF VOL. III. OF THE TEXT.]

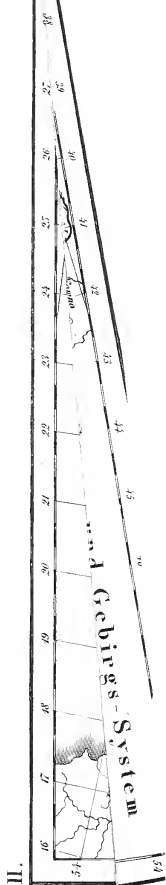
THE PLATES ARE NUMBERED II. 1—44.

NEW YORK: 1851.

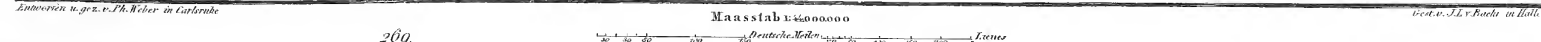
PUBLISHED BY RUDOLPH GARRIGUE,

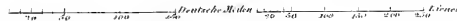
2 BARCLAY STREET (ASTOR HOUSE).

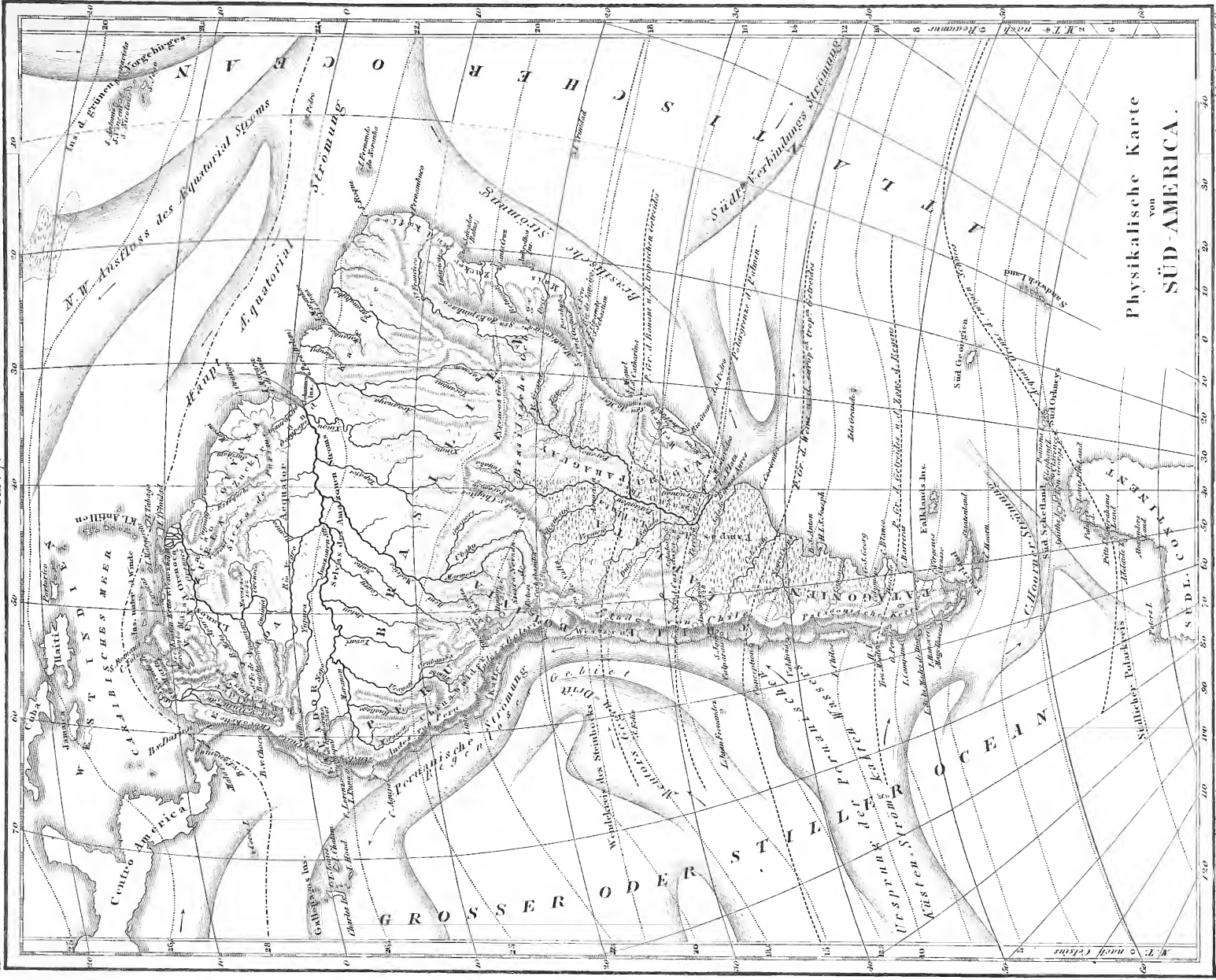




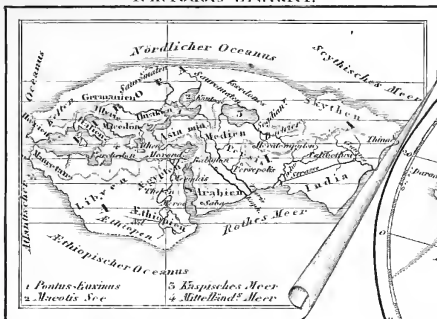




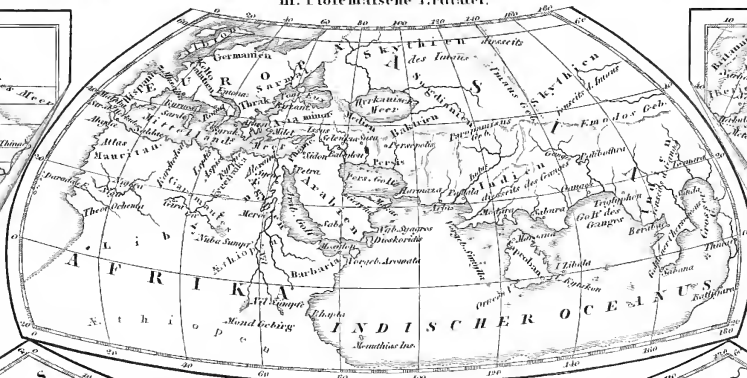




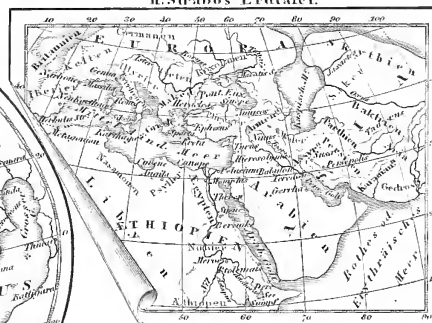
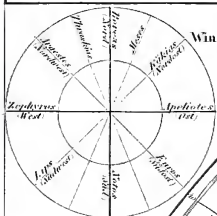
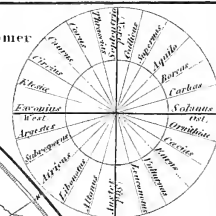
I. Herodots Erdtafel.



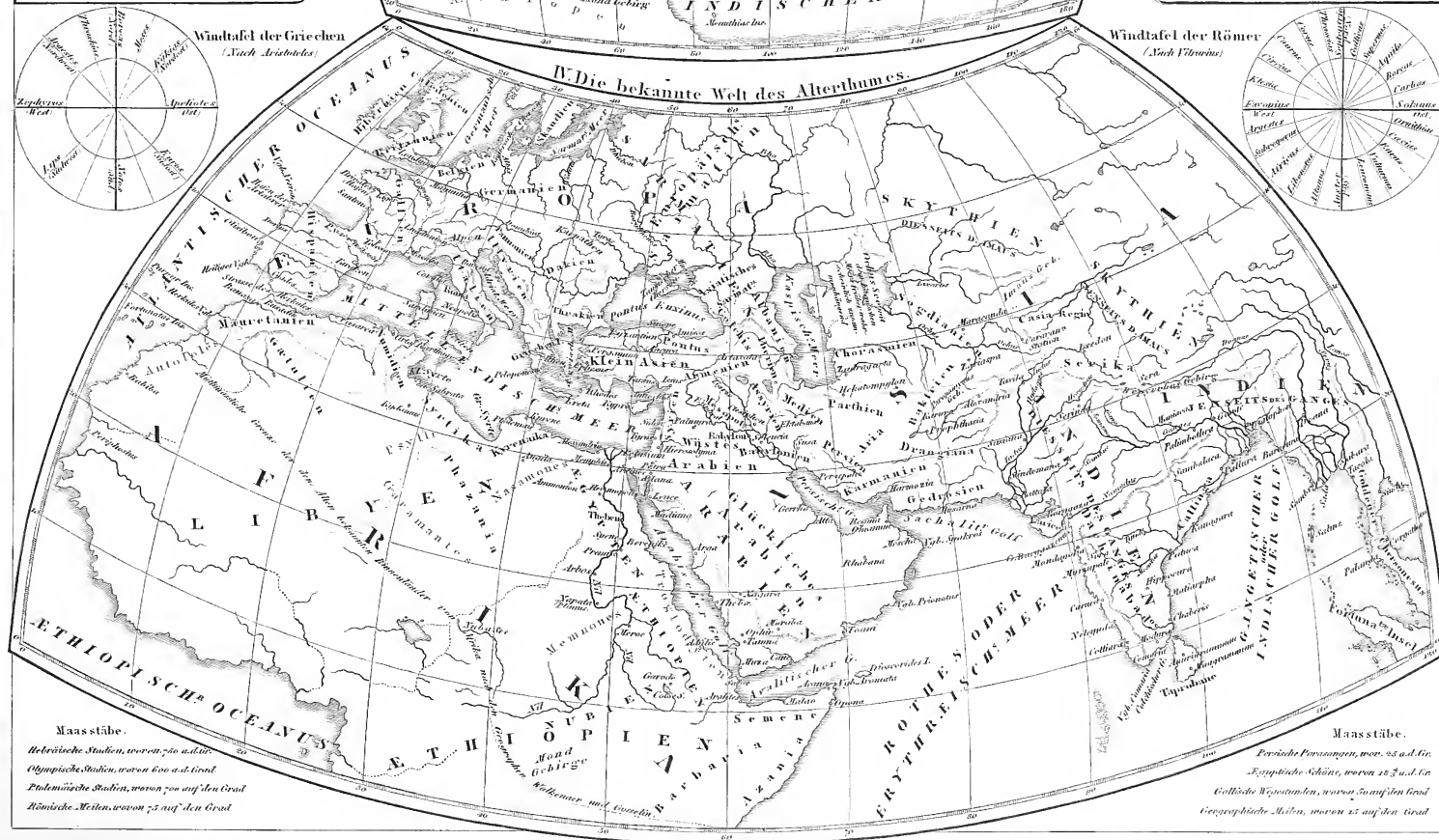
III. Ptolemäische Erdtafel.



II. Strabo's Erdtafel.

Windtafel der Griechen
(Nach Aristoteles)Windtafel der Römer
(Nach Plinius)

IV. Die bekannte Welt des Alterthumes.



Maas stäbe.

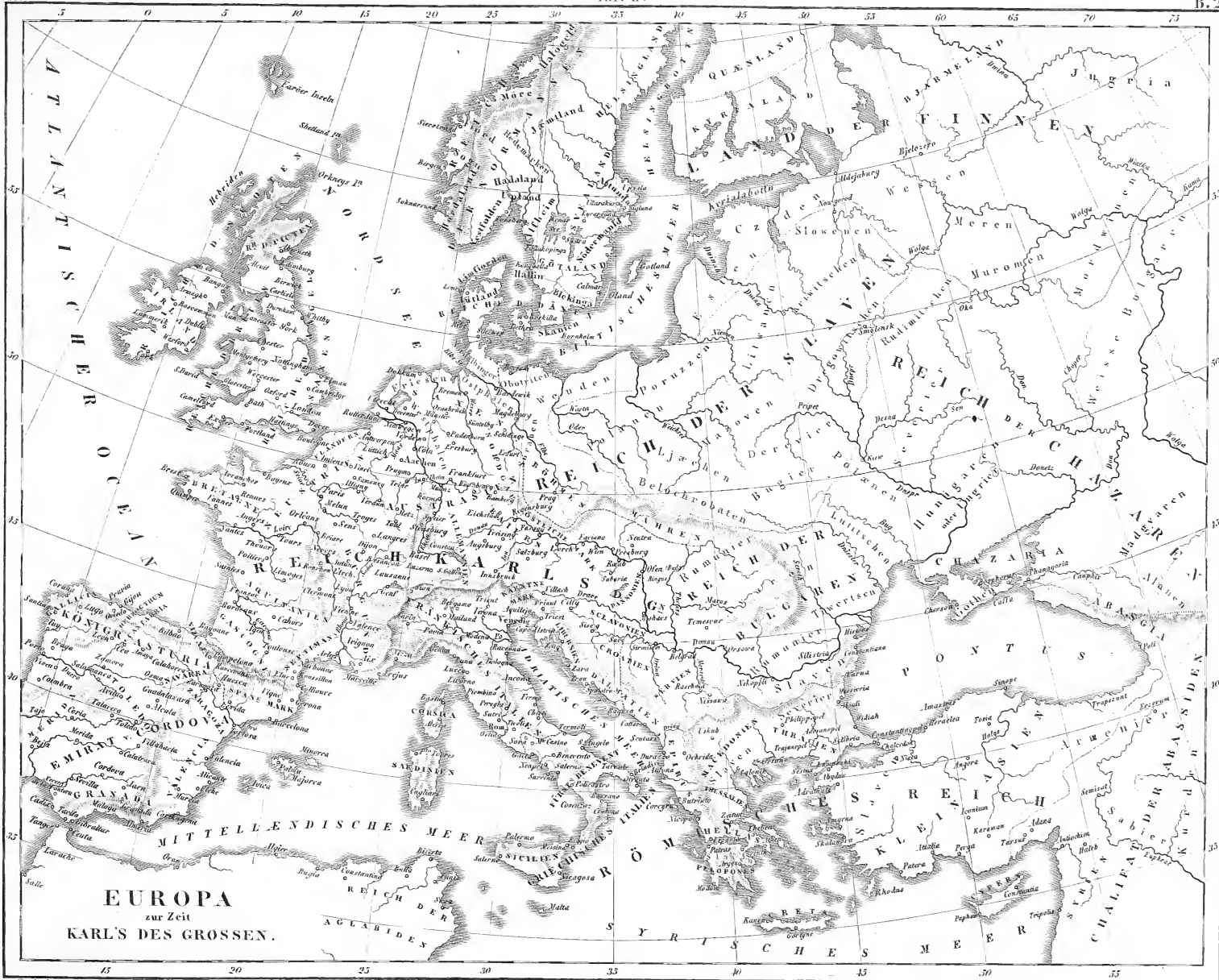
Hebräische Stadien, wovon 750 auf den Grad
Olympische Stadien, wovon 600 auf den Grad
Ptolemäische Stadien, wovon 700 auf den Grad
Römische Meilen, wovon 75 auf den Grad

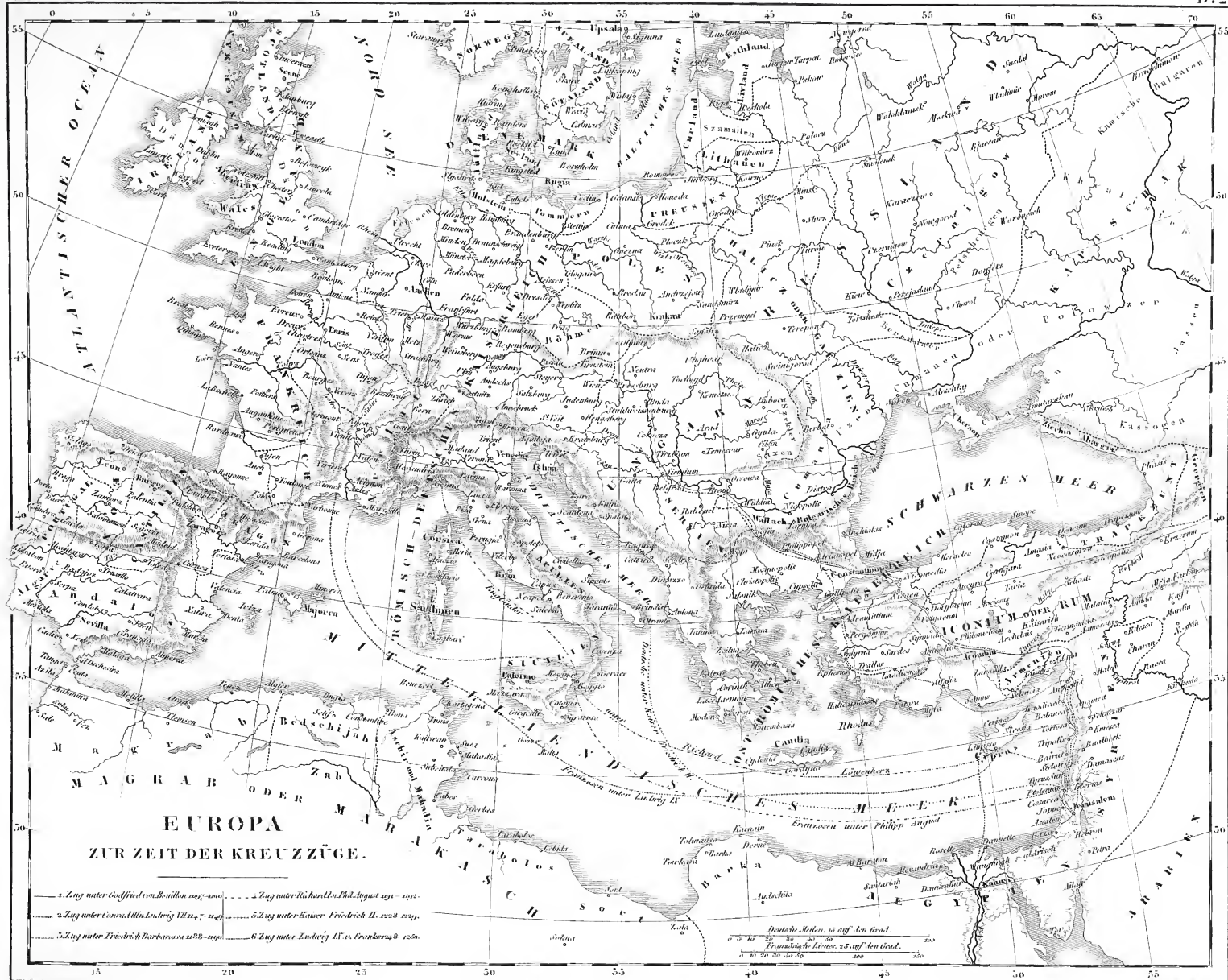
Maas stäbe.

Persische Parangen, wovon 33 auf den Grad
Egyptische Stadien, wovon 25 auf den Grad
Griechische Stadien, wovon 700 auf den Grad
Geographische Meilen, wovon 75 auf den Grad









EUROPA

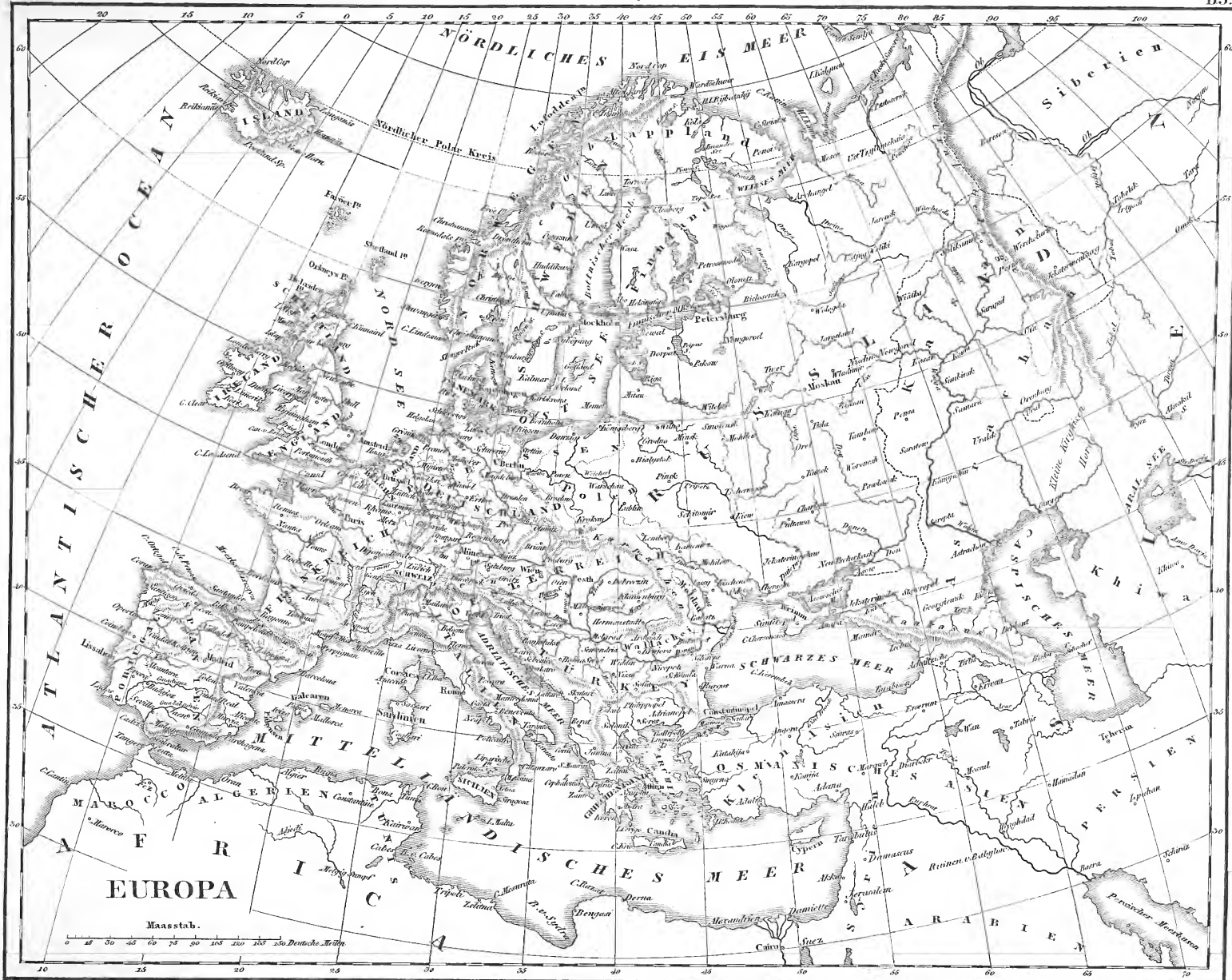
VOR DER FRANZÖSISCHEN REVOLUTION.

(1789)

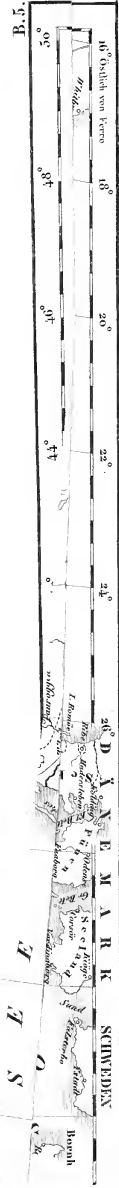
Erklärung der Zahlen

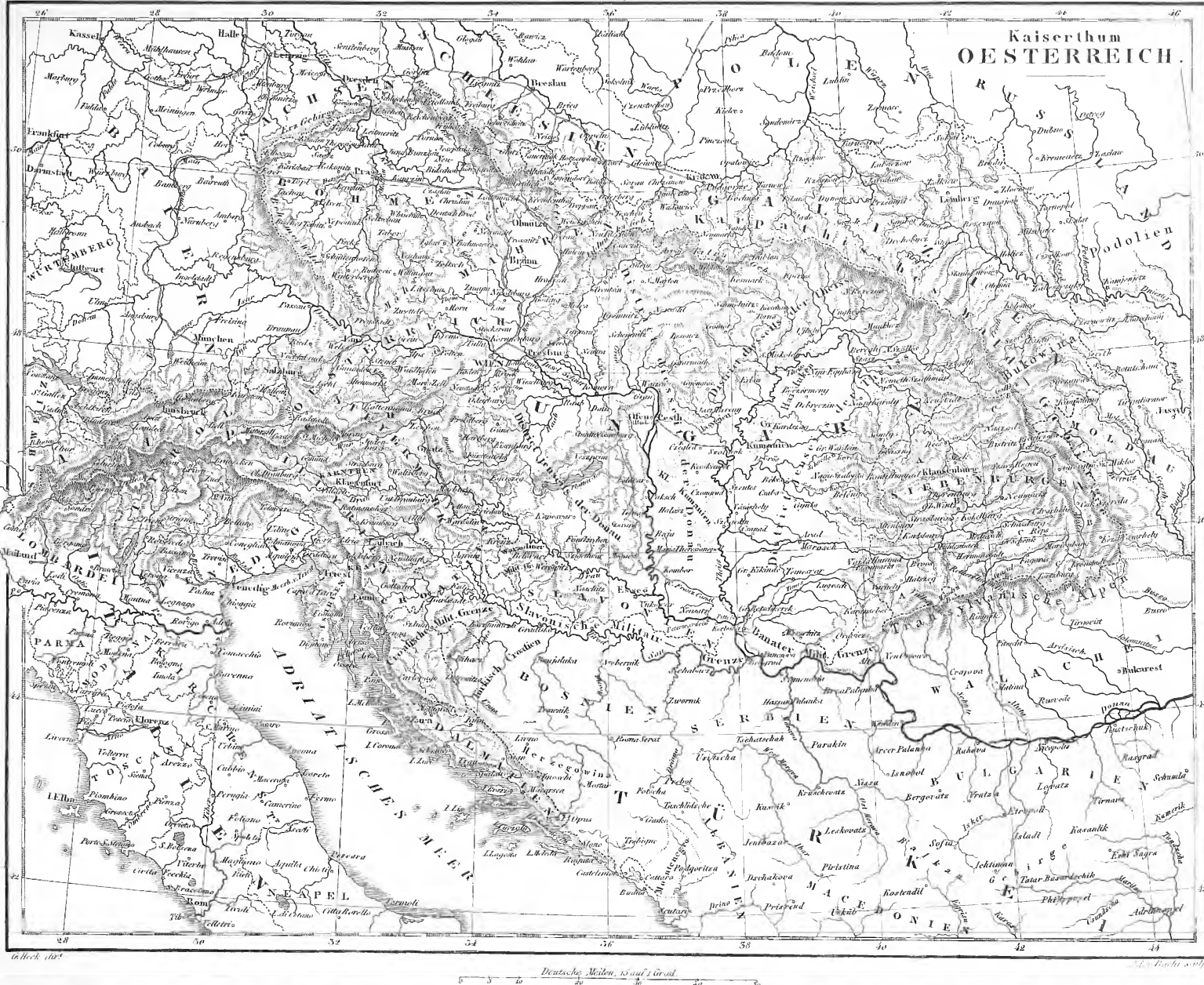
- | | |
|-------------------------------|---------------------|
| 1. Österreichische Landtheile | 4. Republik Venedig |
| 2. Preussische Landtheile | 5. Republik Genoa |
| 3. Schwedische Landtheile | 6. Herzogthum Parma |
| 7. Herzogthum Modena | |





*R. Schmidt del et sculpt*





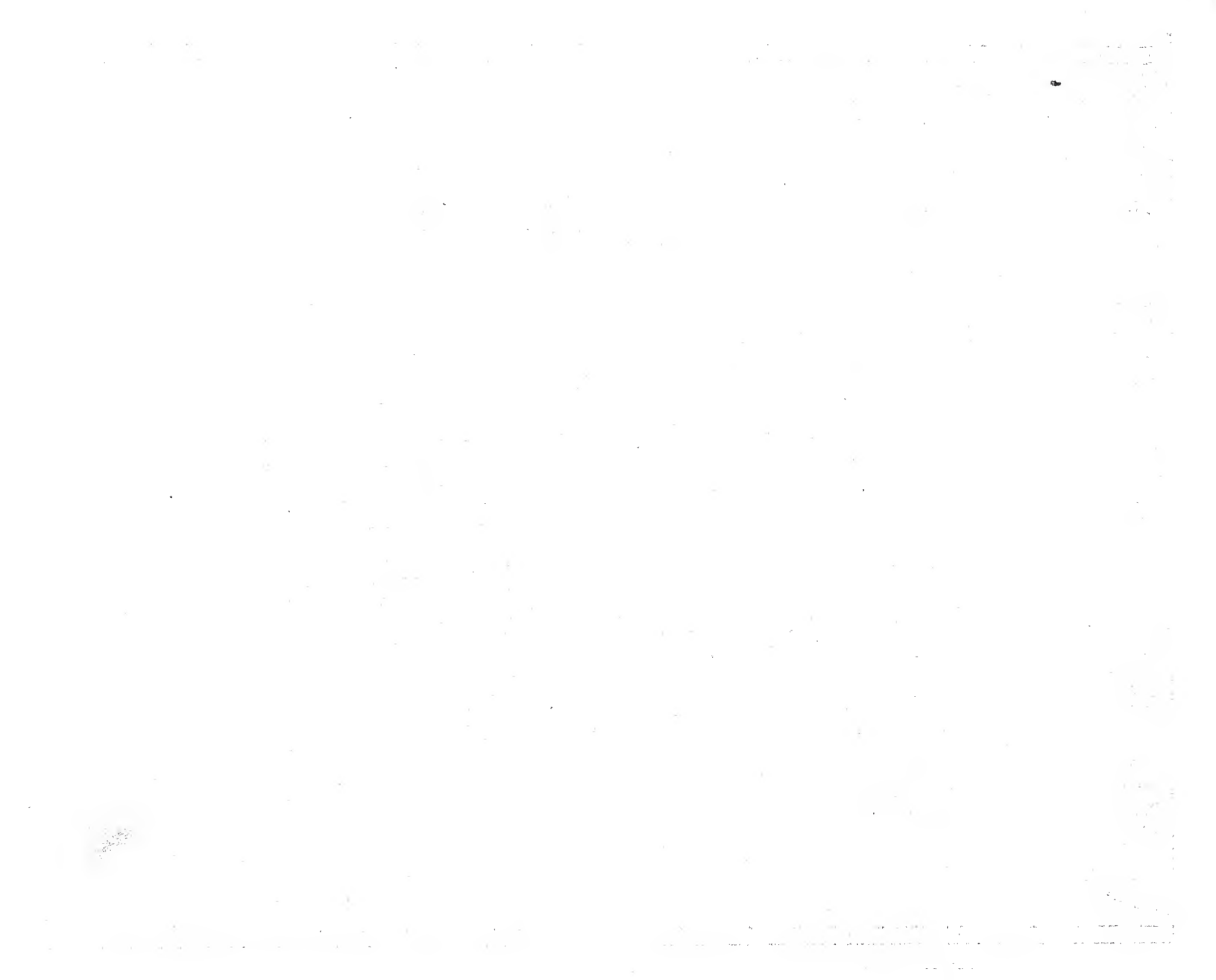


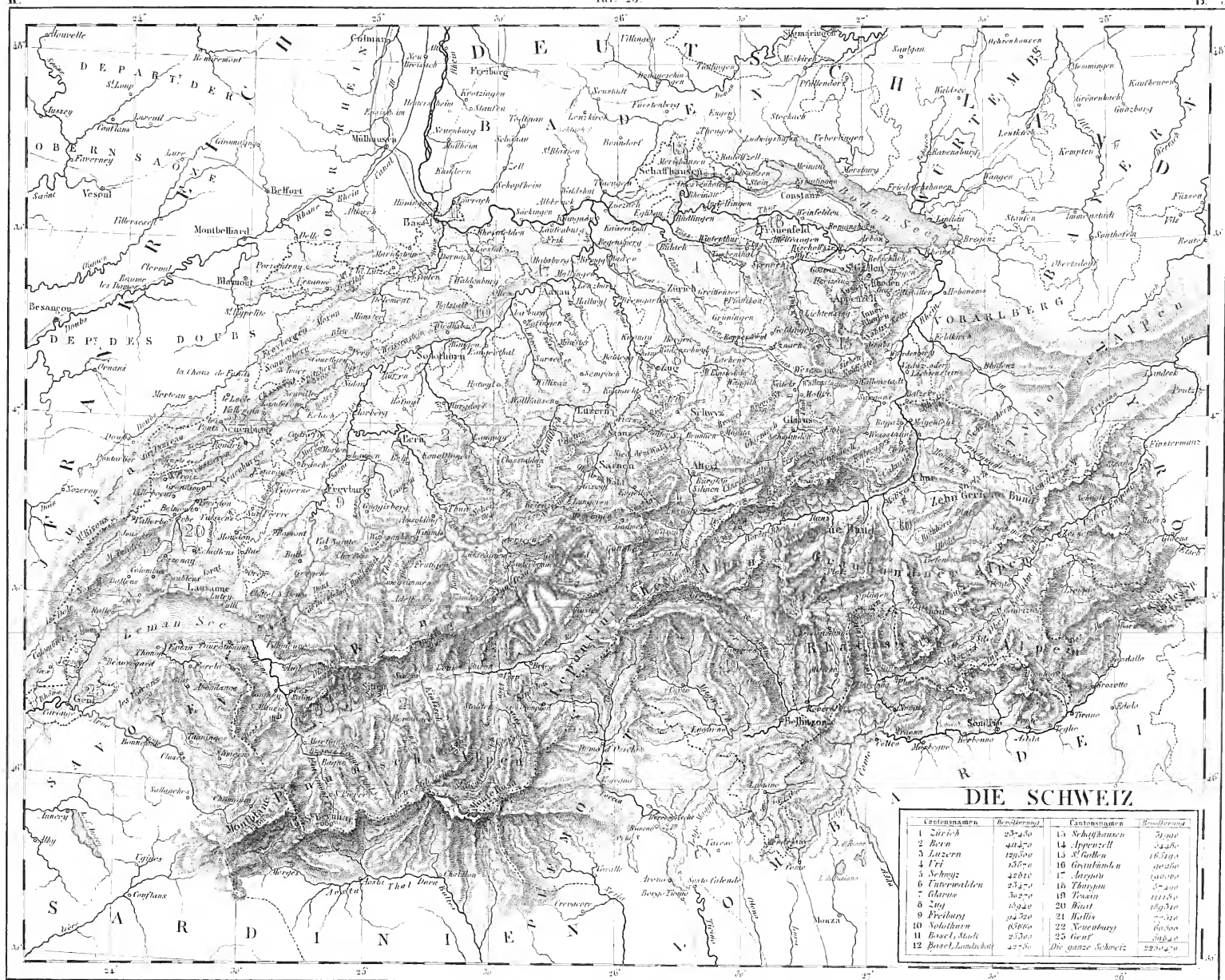


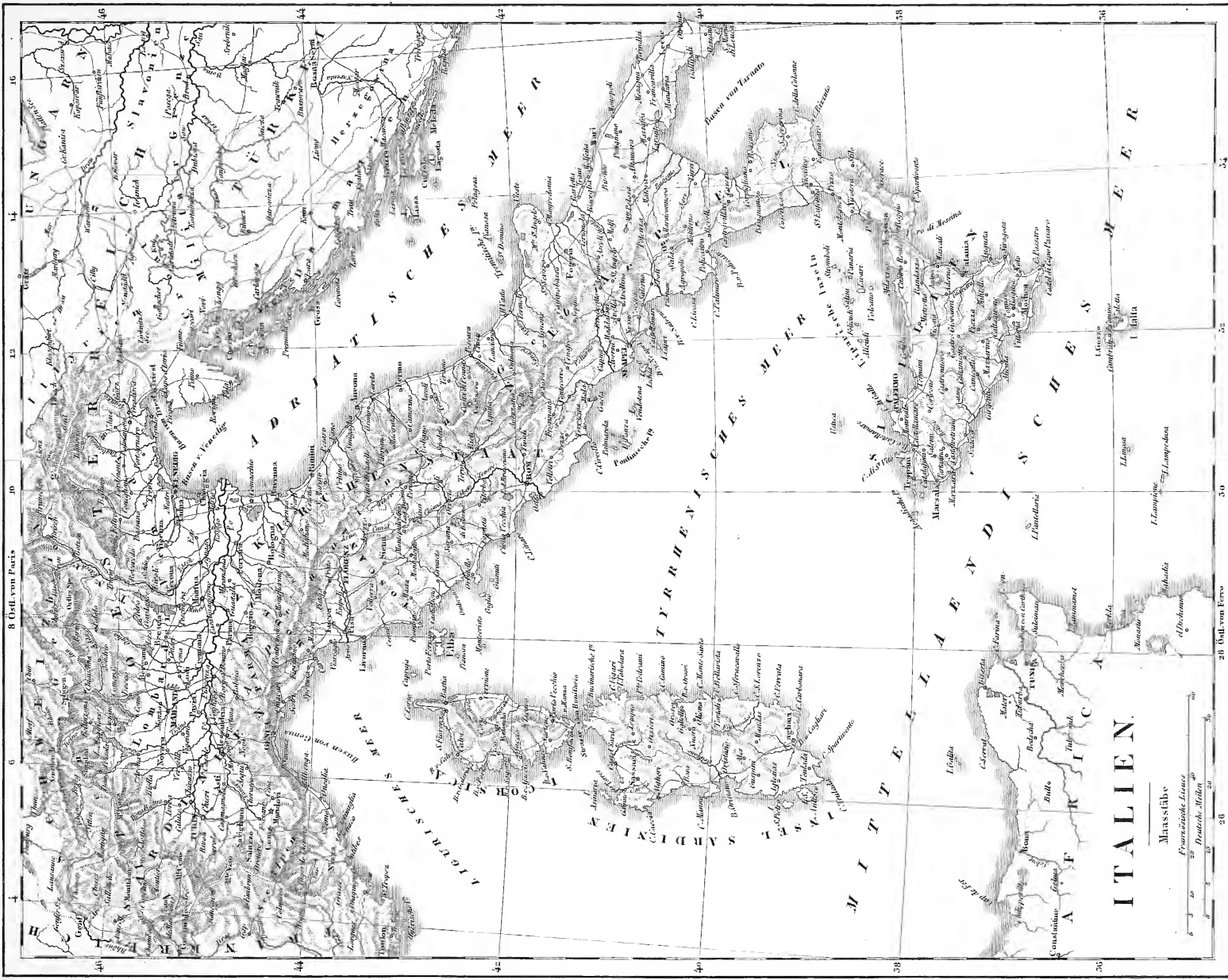


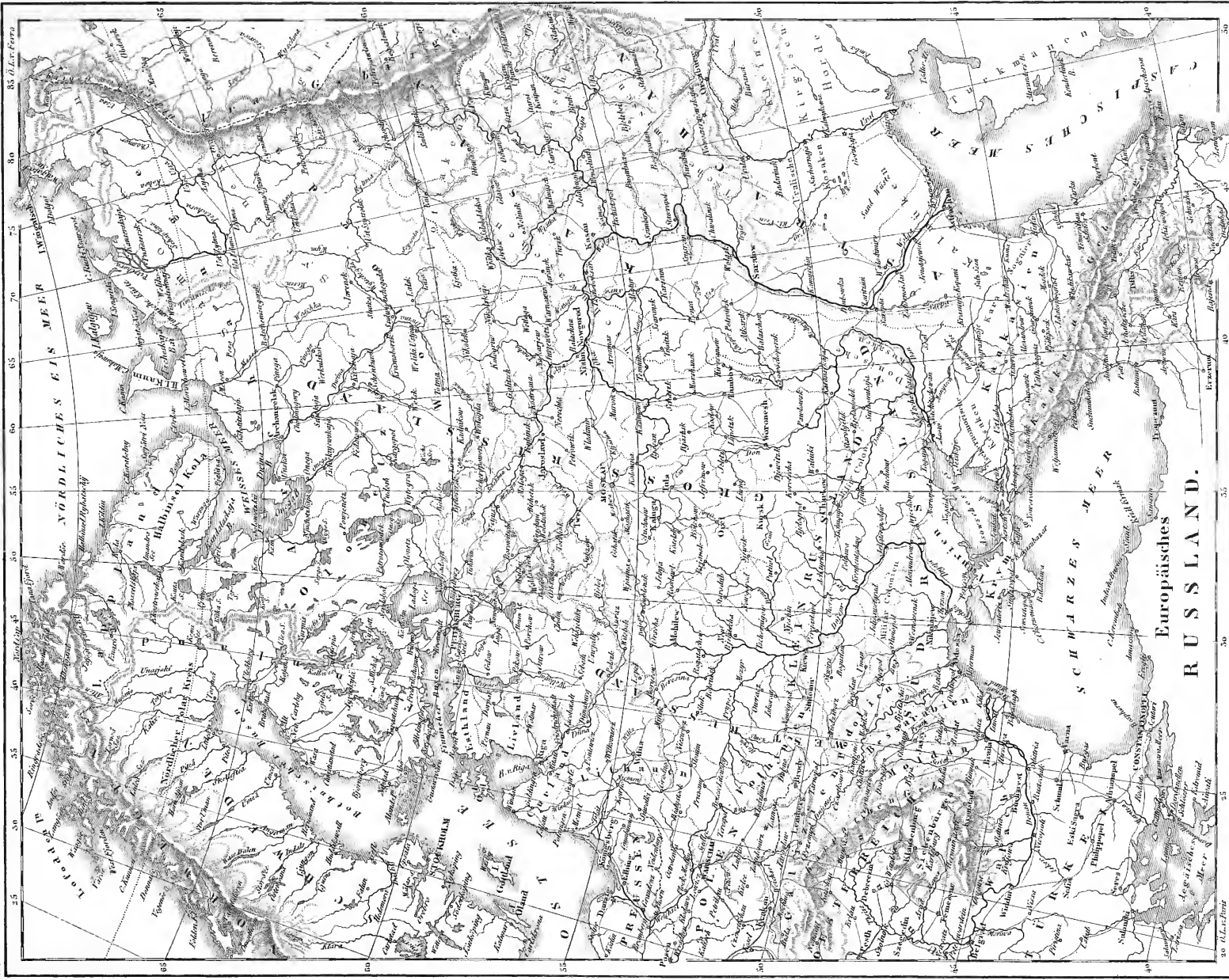




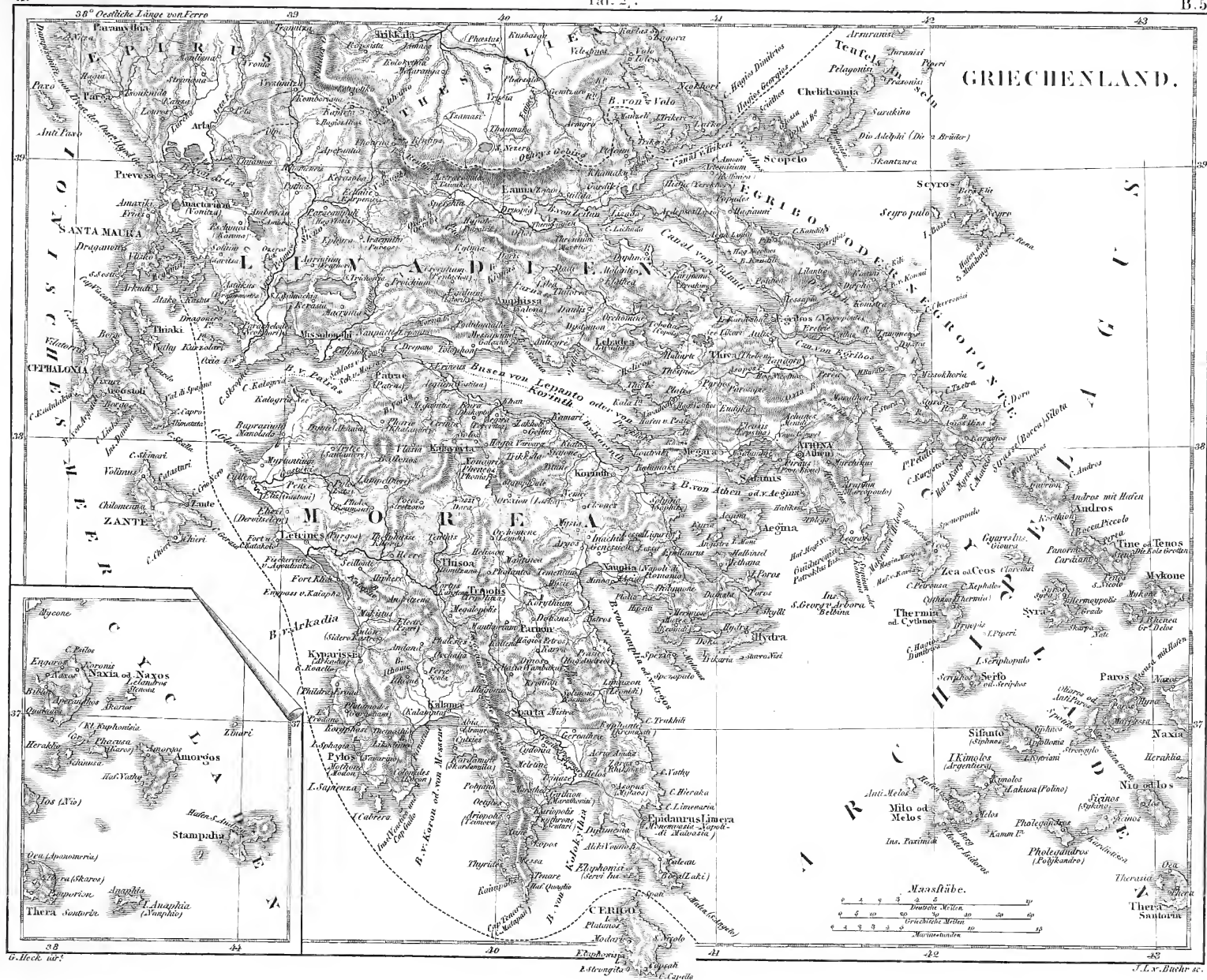


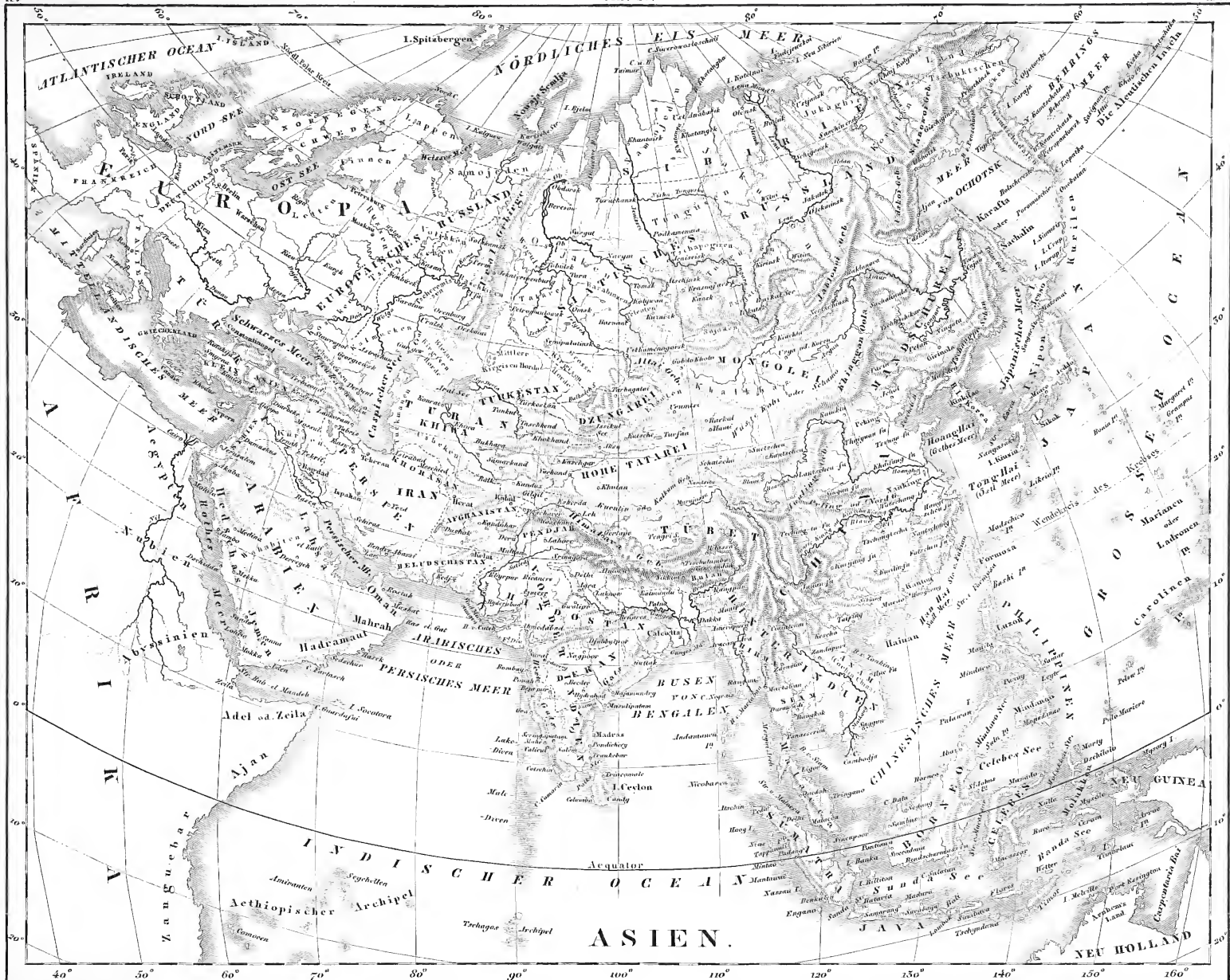


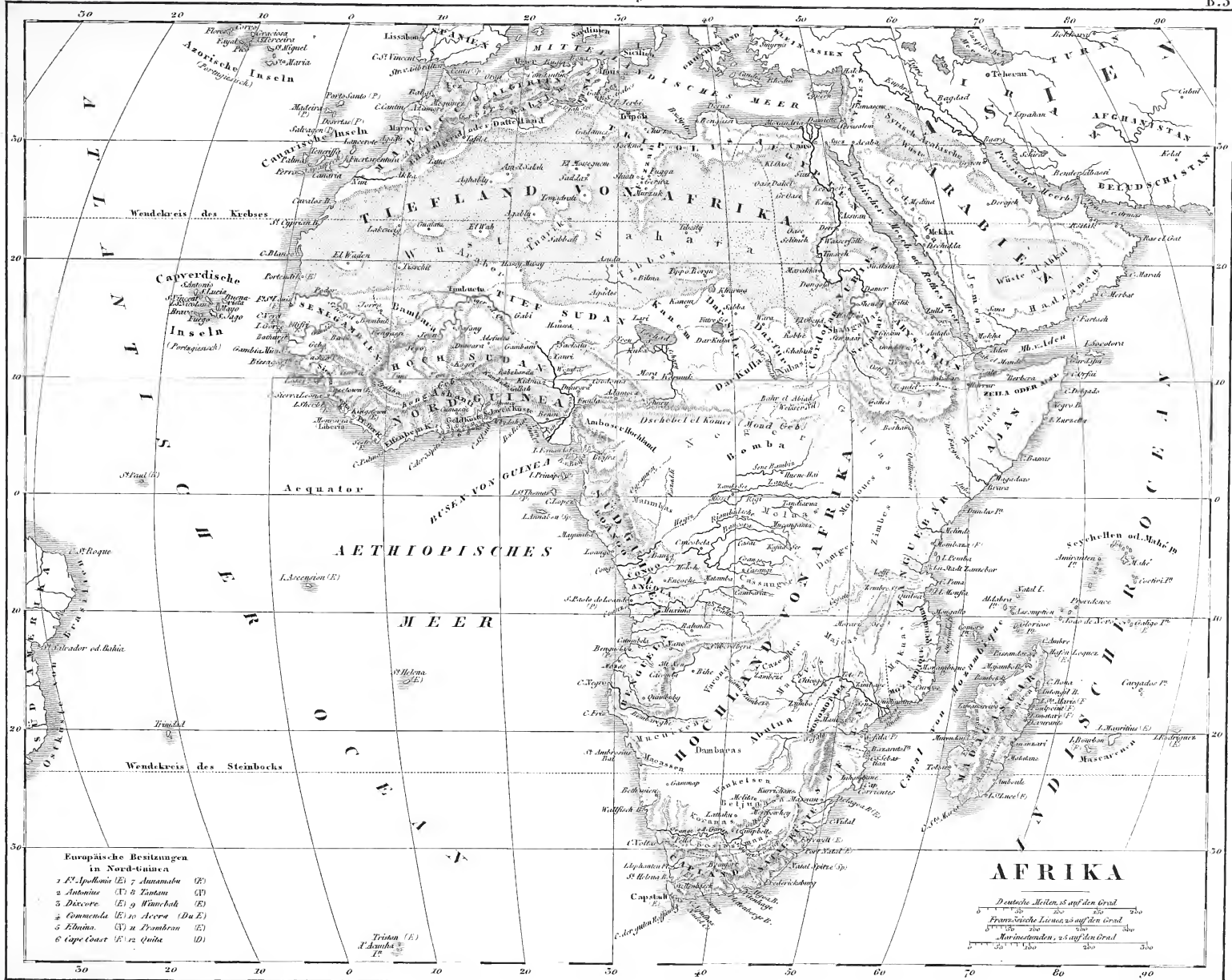


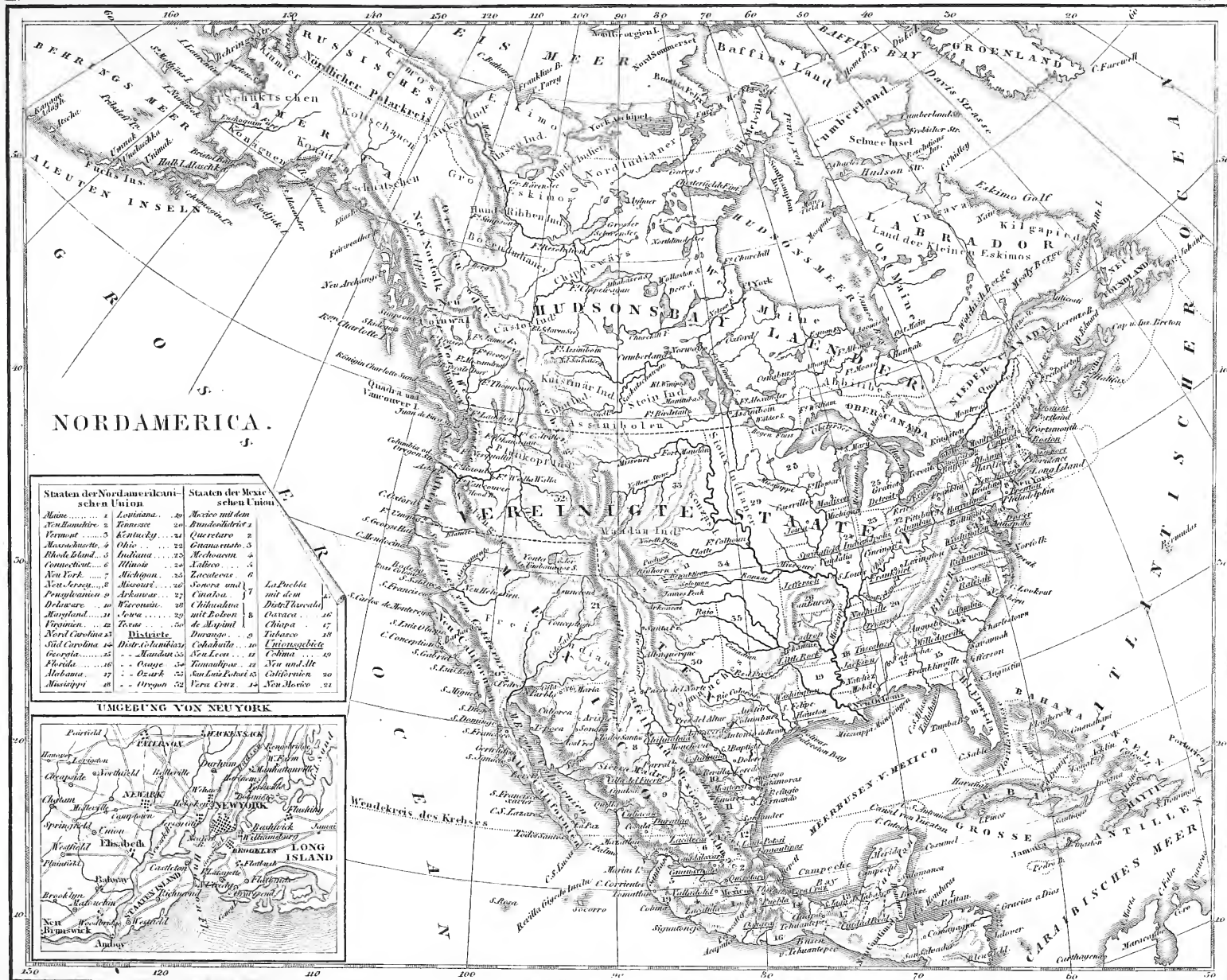




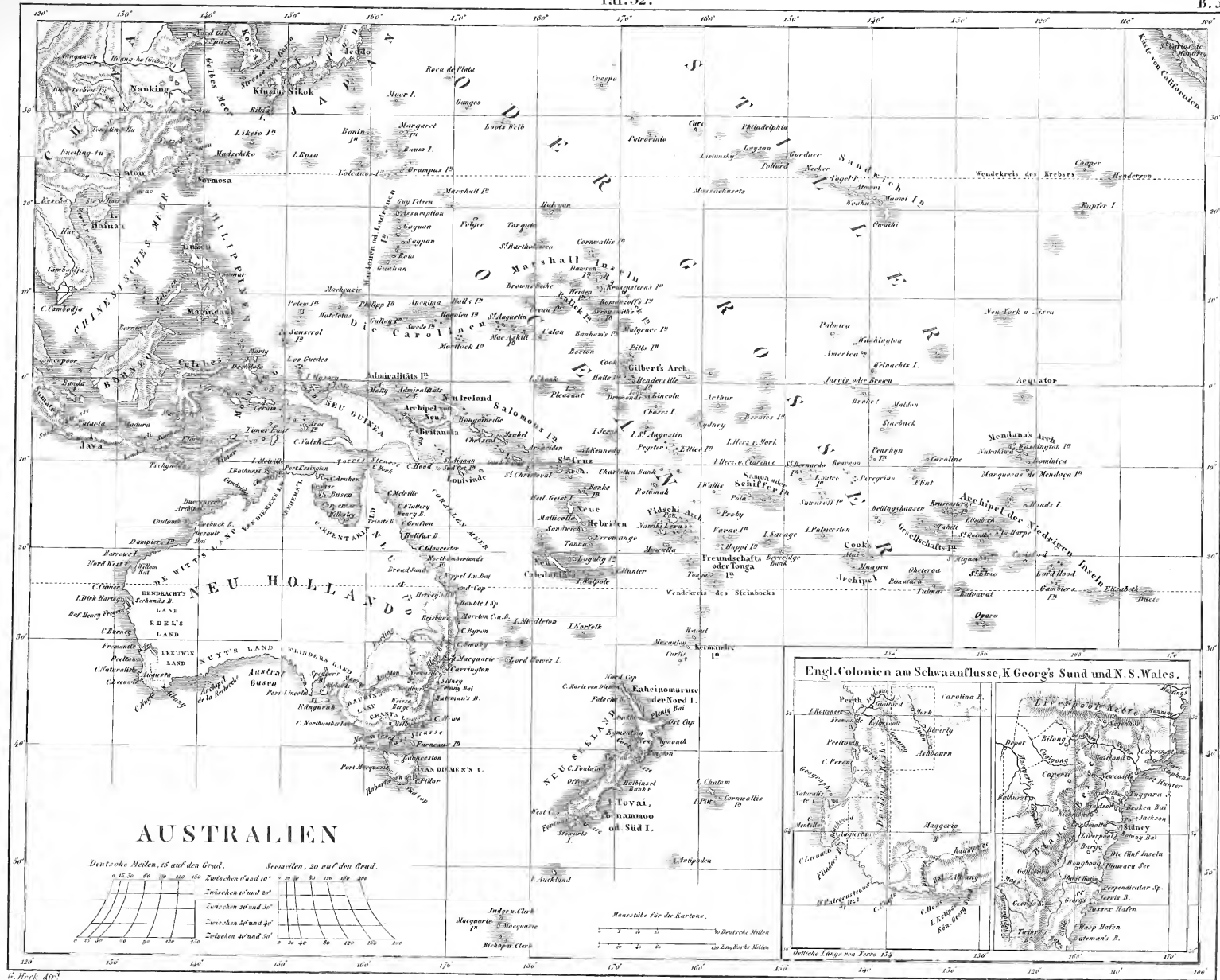


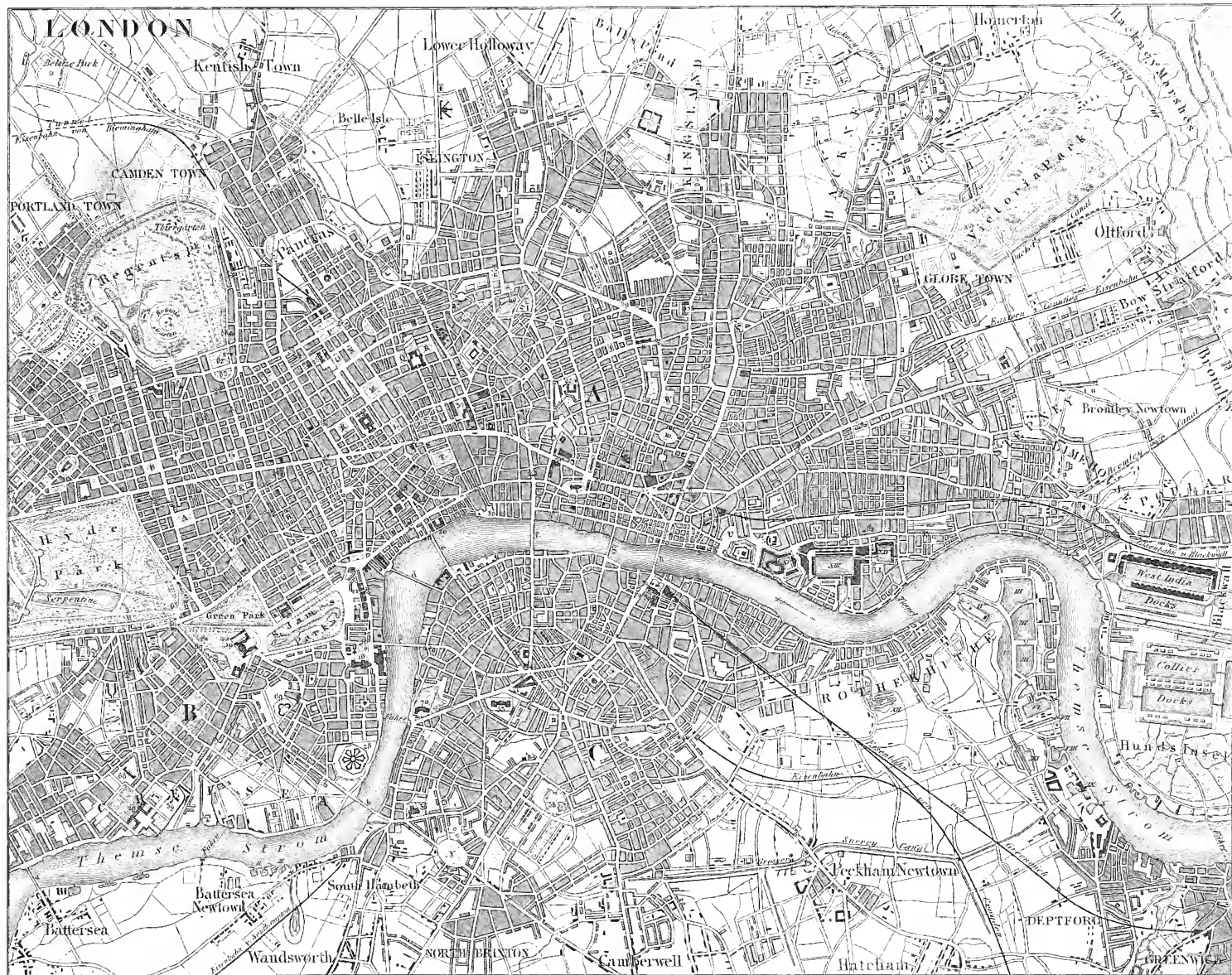




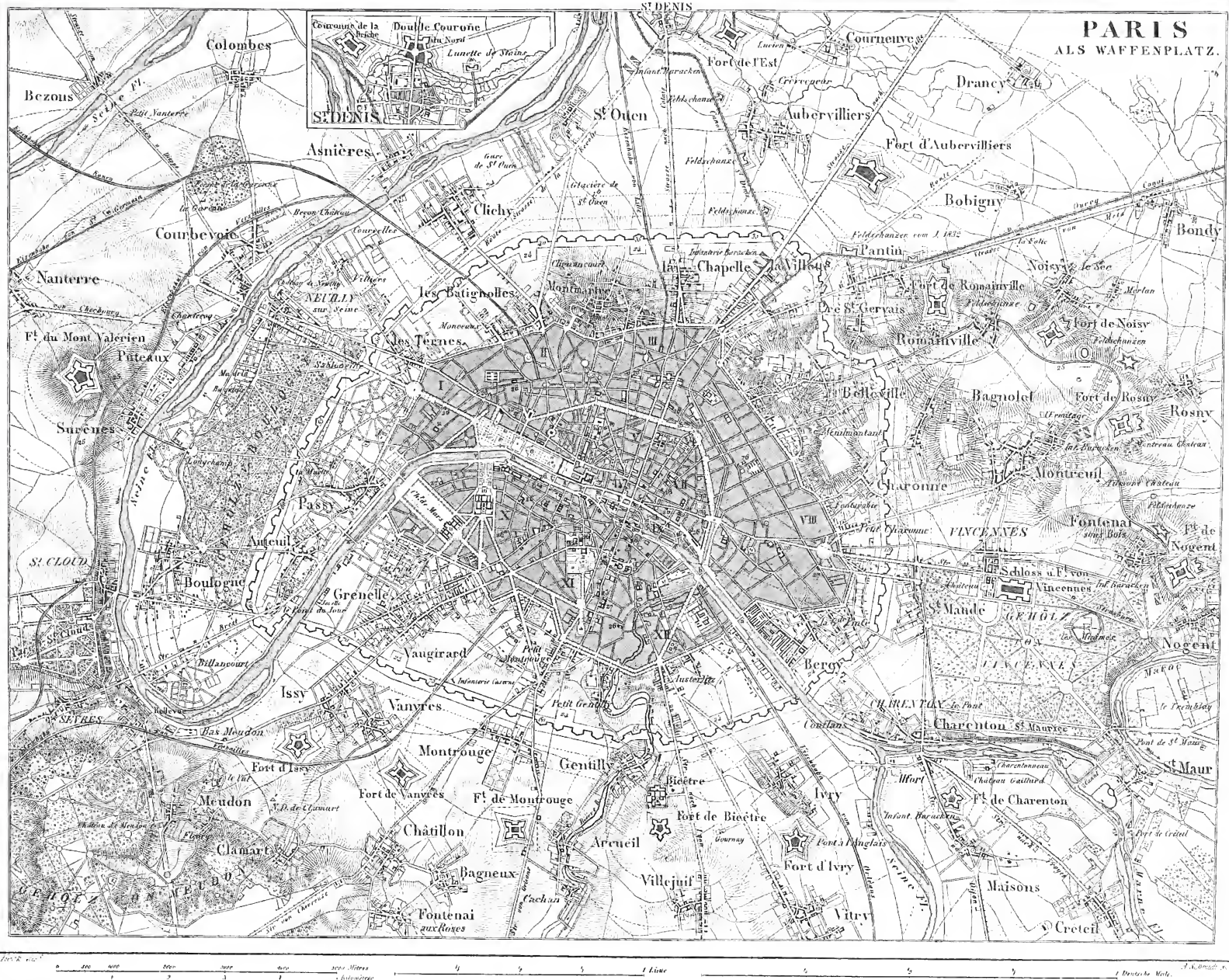


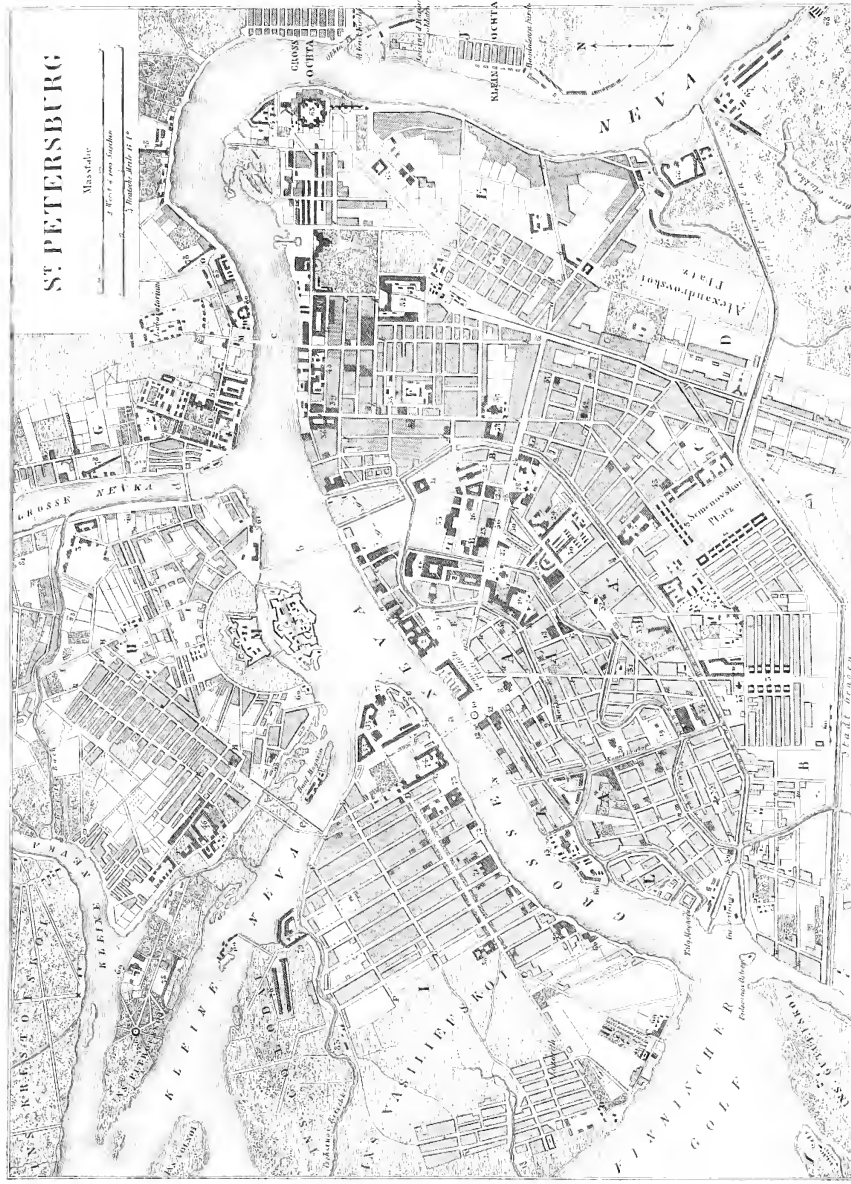


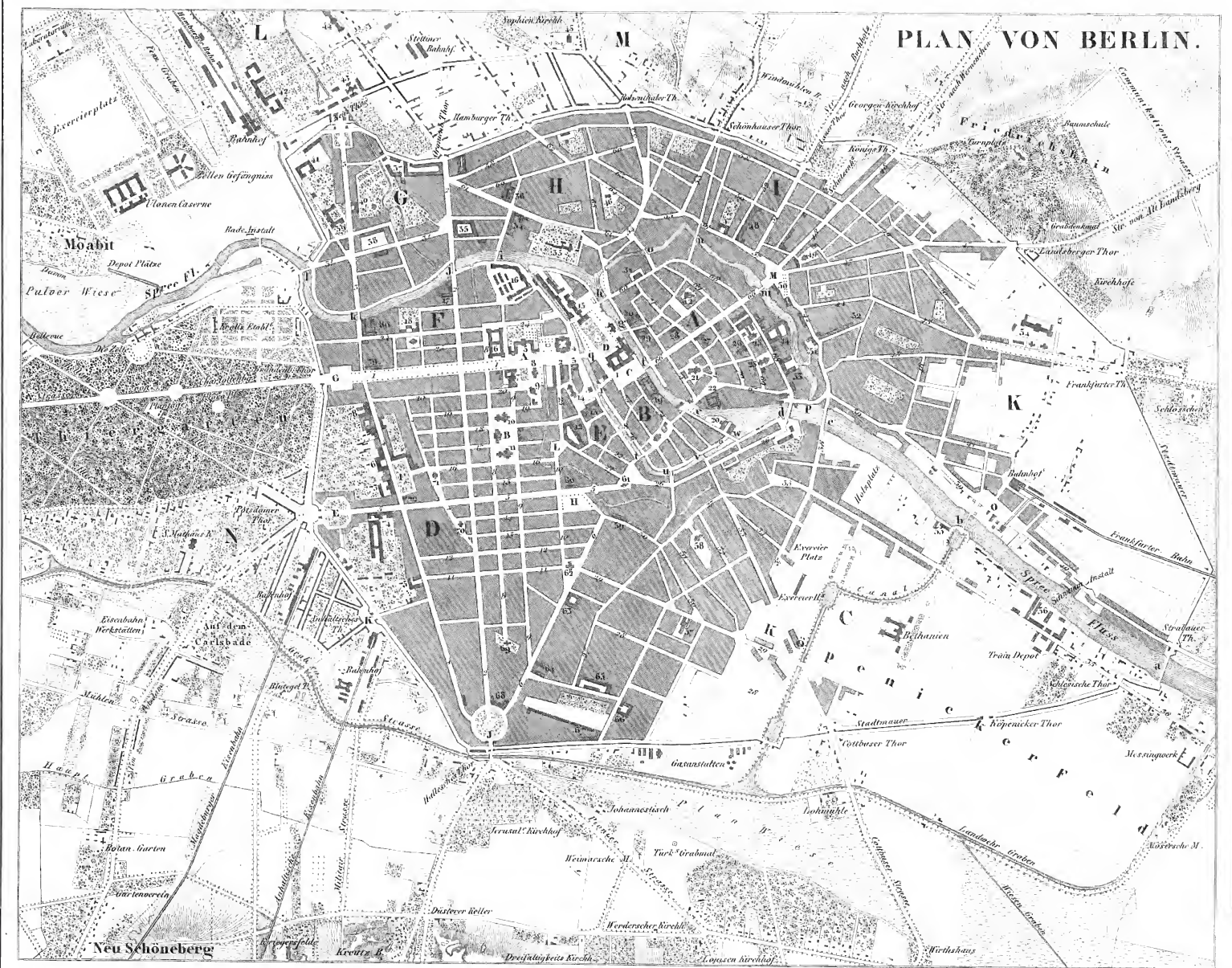


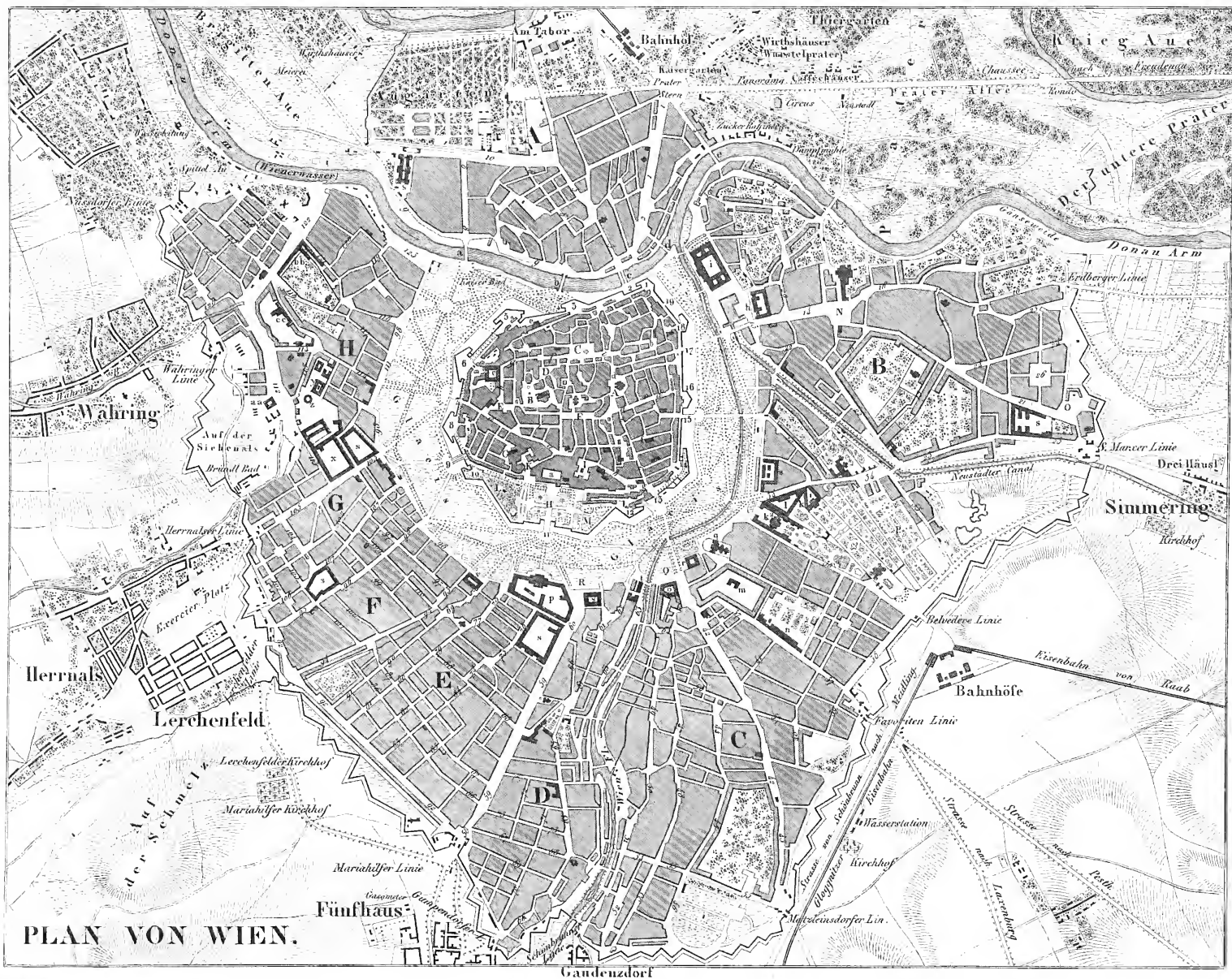












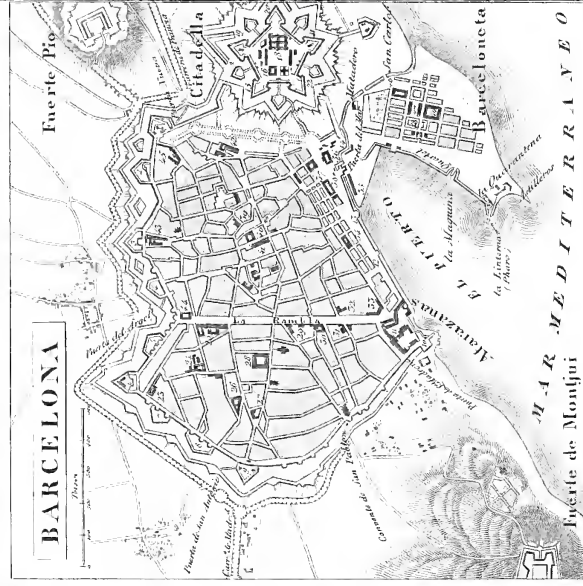
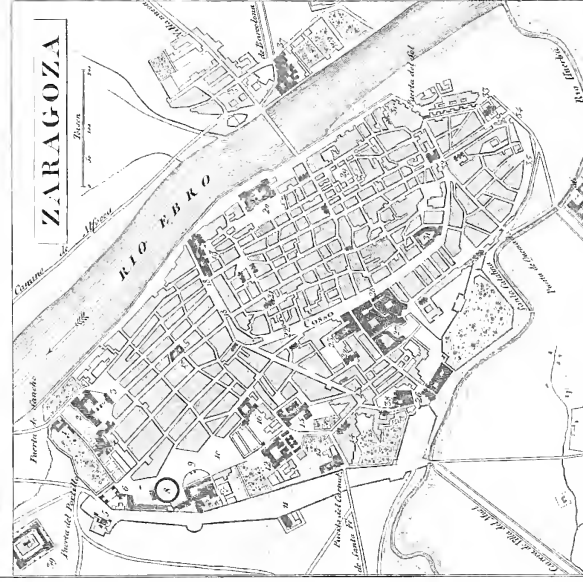
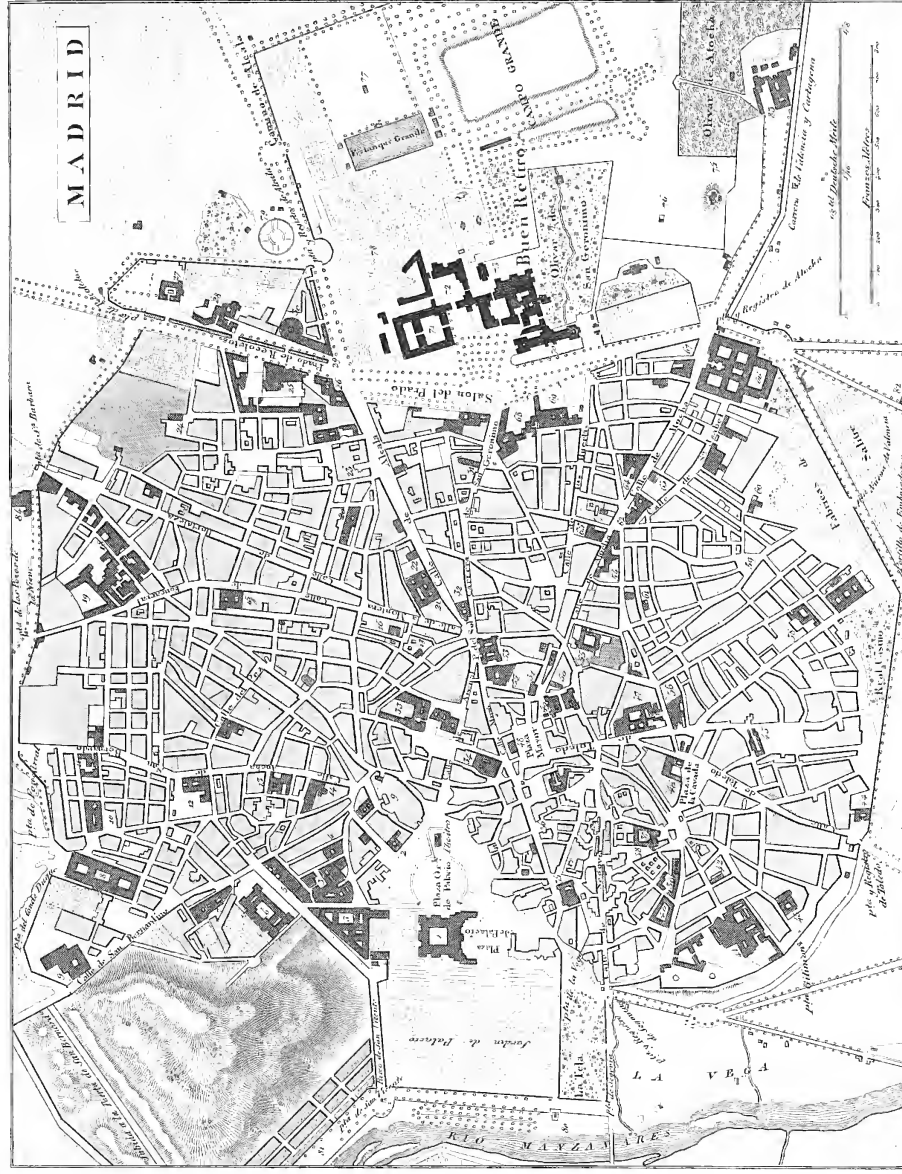
11. Black iron

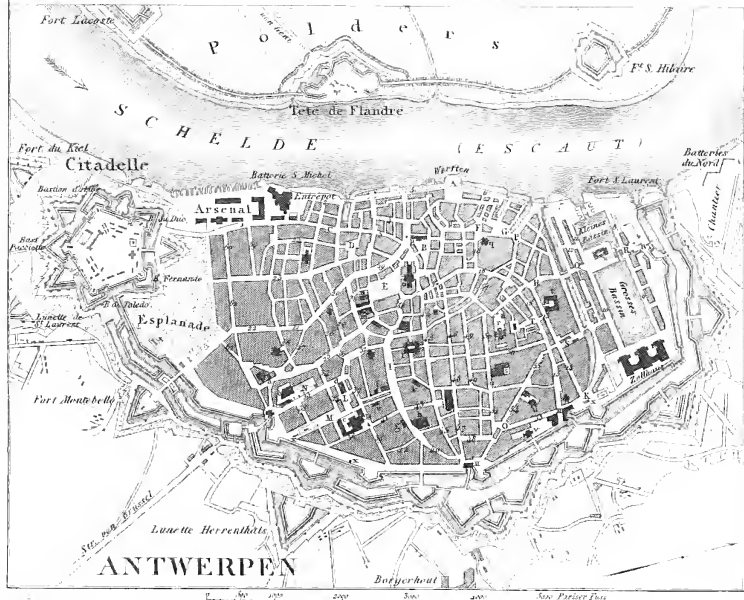
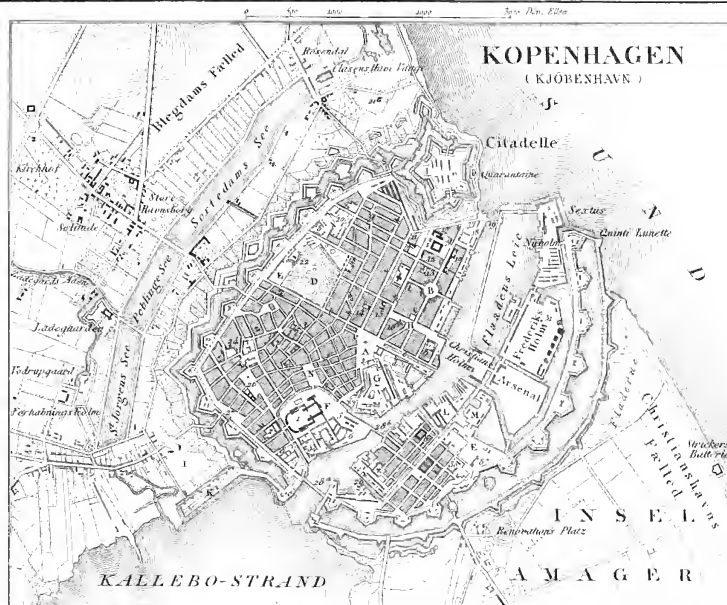
Wiener Klafser.

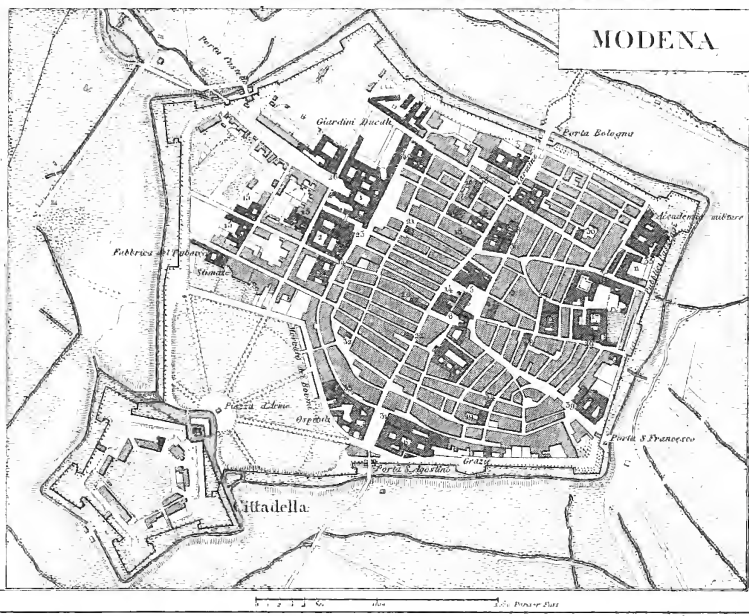
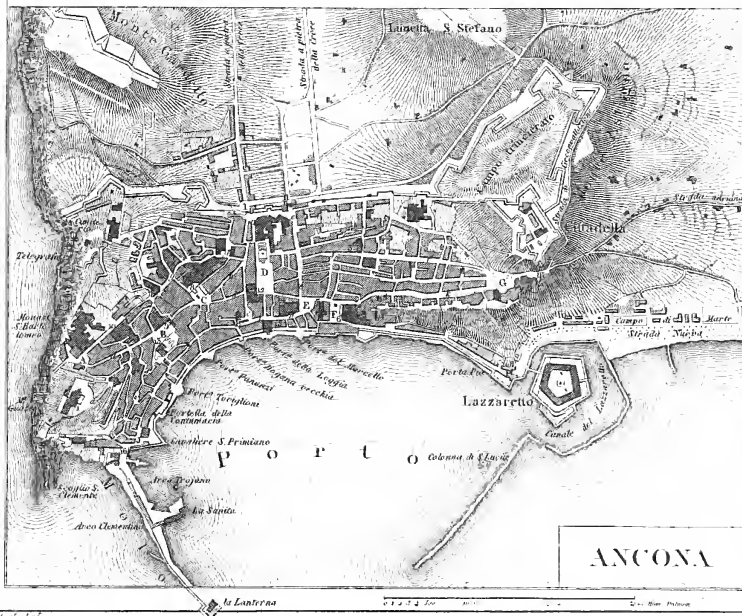
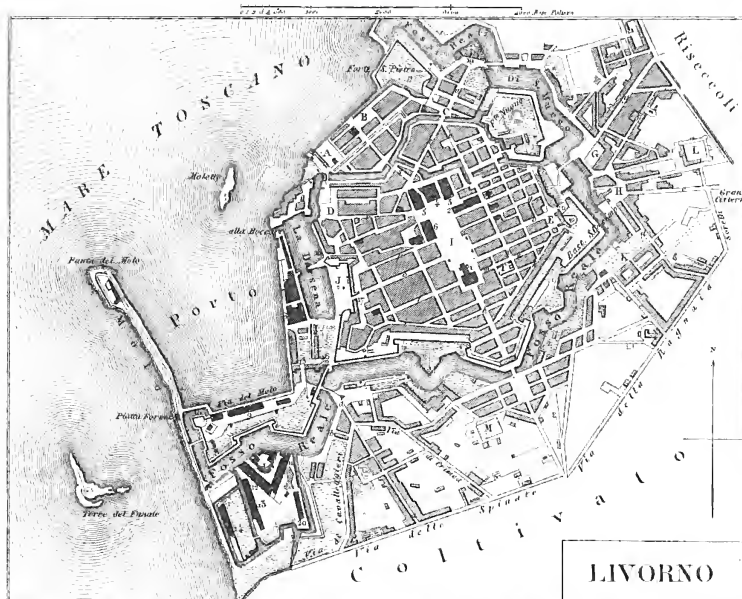
Deutsche Medien

Schirger & Everhart 2009









ICONOGRAPHIC ENCYCLOPÆDIA.

DIVISION IV.

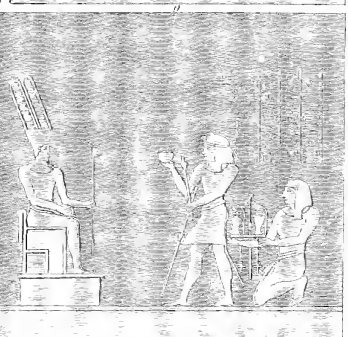
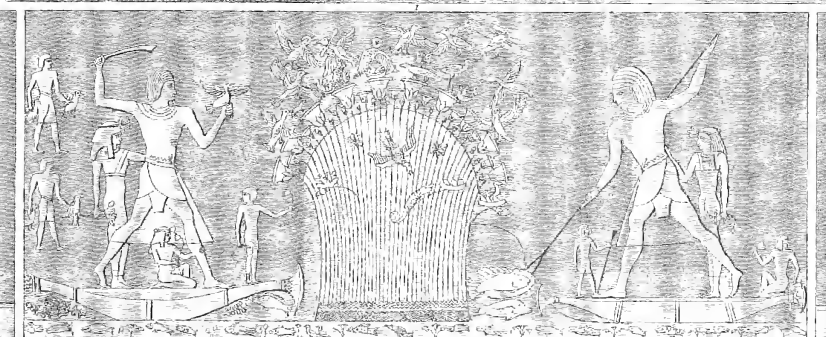
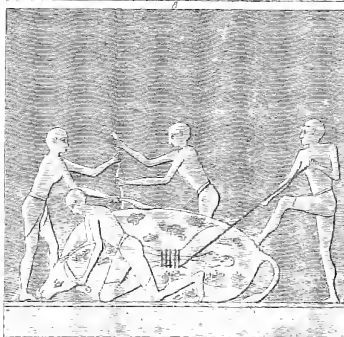
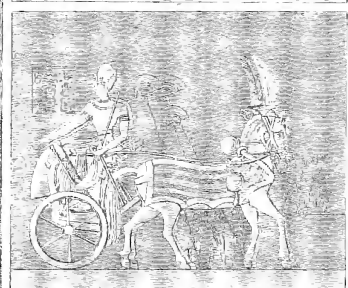
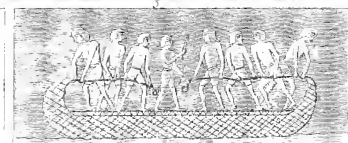
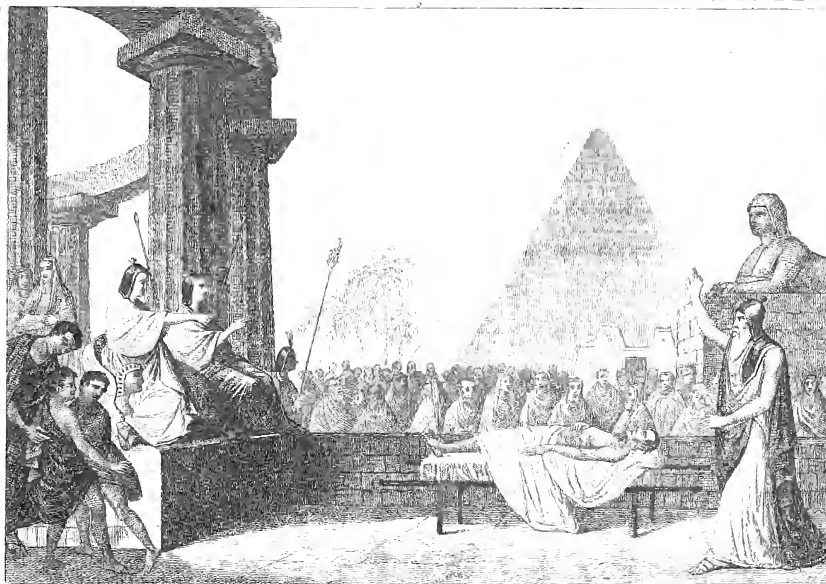
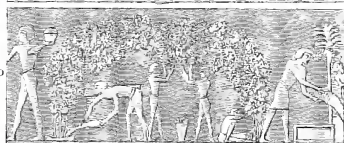
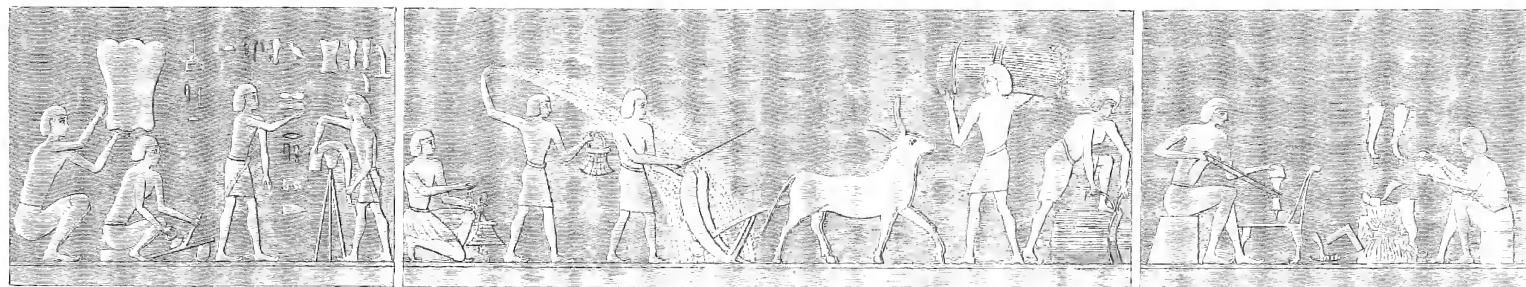
HISTORY AND ETHNOLOGY.

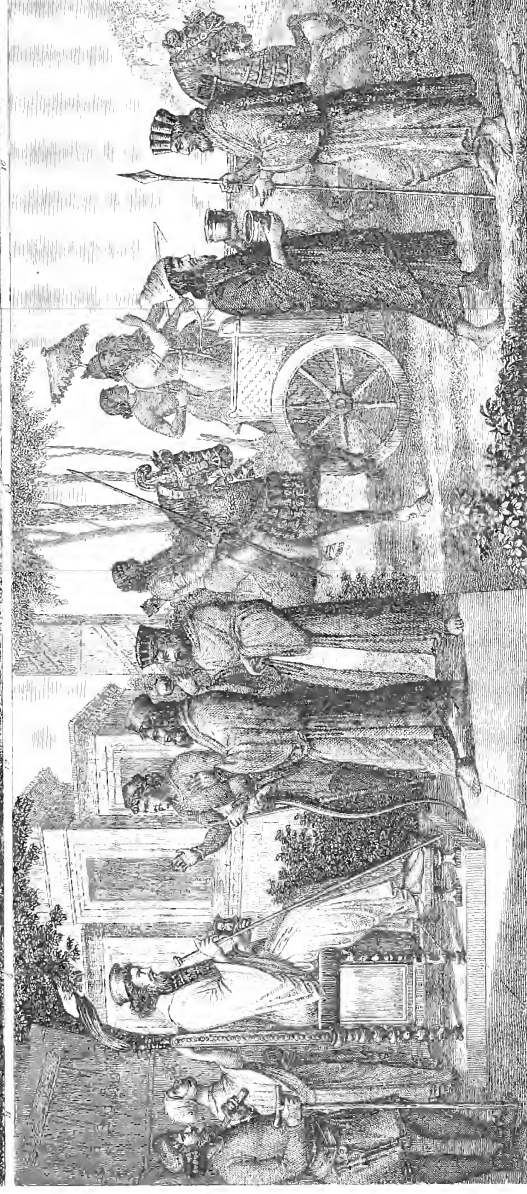
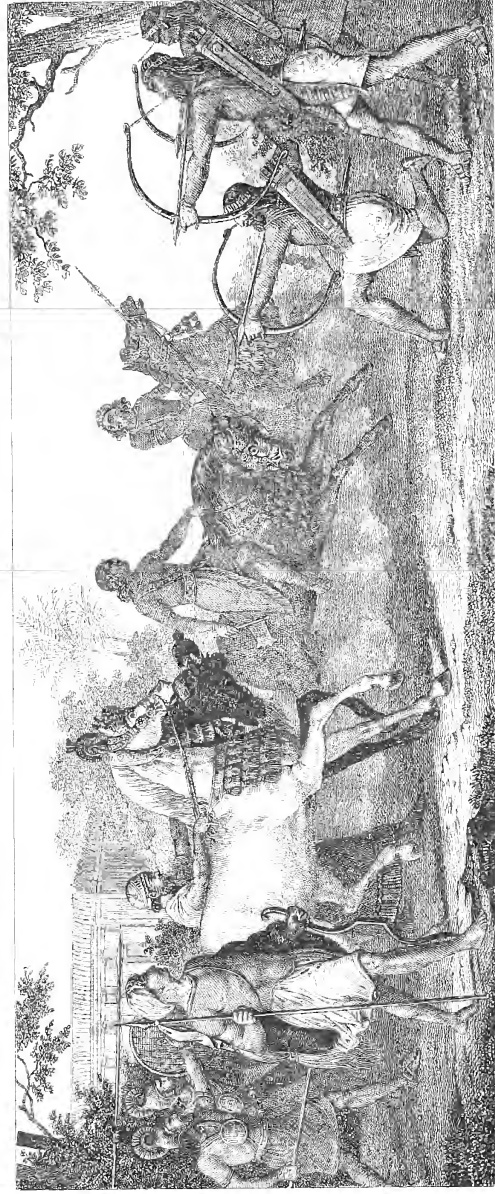
EIGHTY-ONE PLATES.

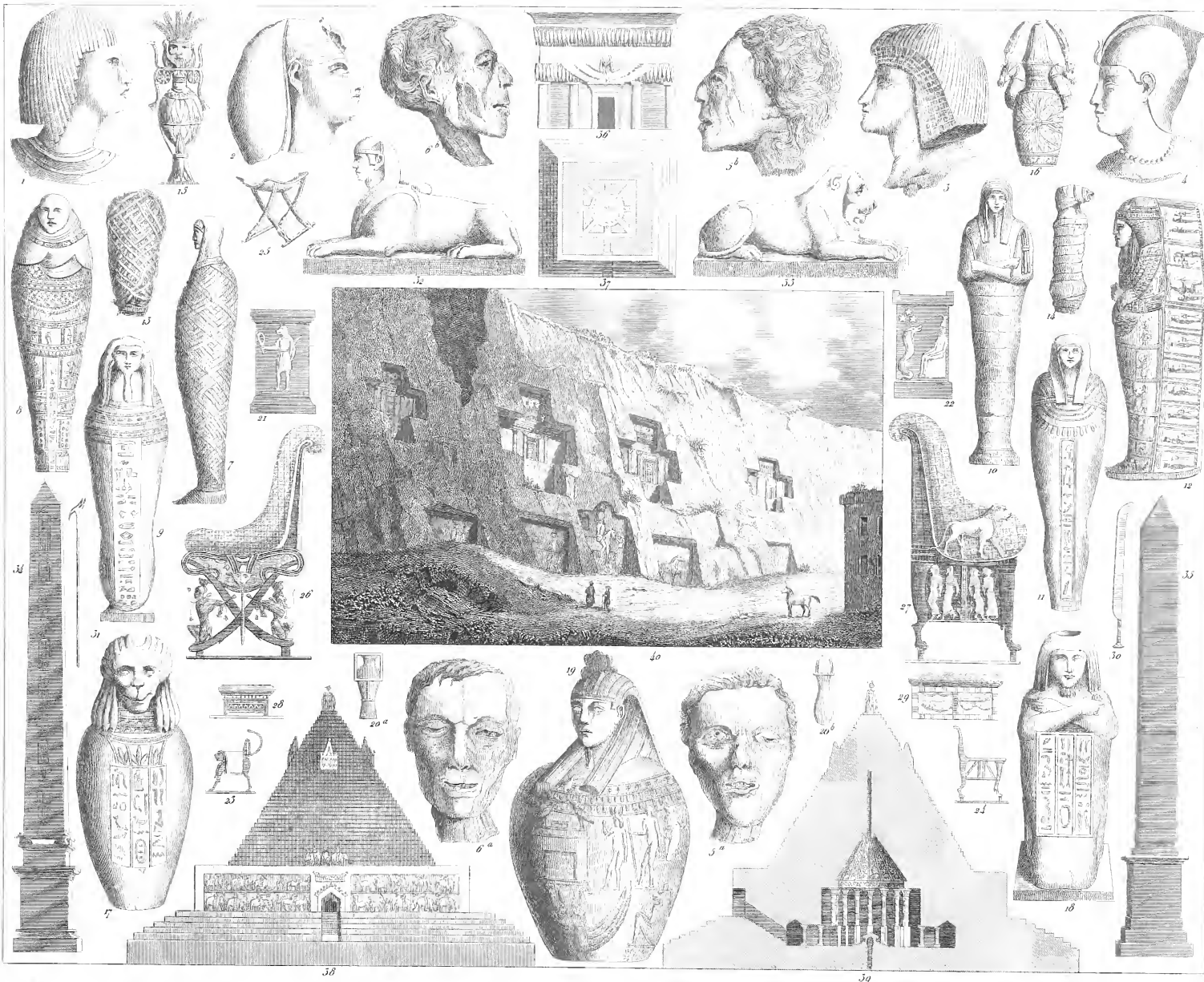
[THE LIST OF THE FIGURES ON THE PLATES WILL BE FOUND IN THE TABLES OF CONTENTS OF VOL. III. OF THE TEXT.]

THE PLATES ARE NUMBERED III. 1—39, IV. 1—42.

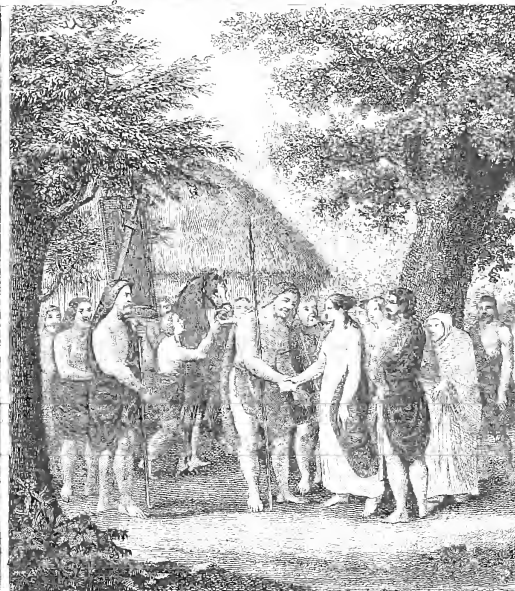
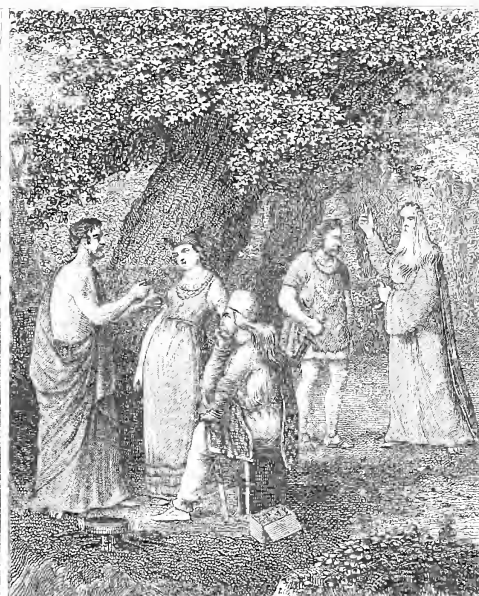
NEW YORK: 1851.
PUBLISHED BY RUDOLPH GARRIGUE,
2 BARCLAY STREET (ASTOR HOUSE).

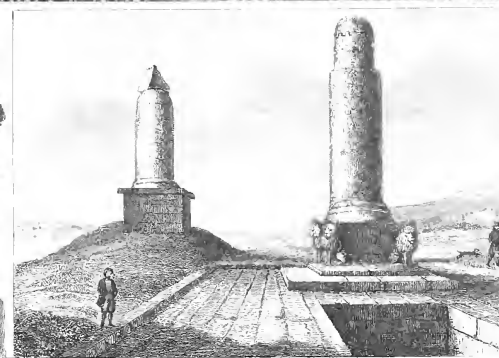
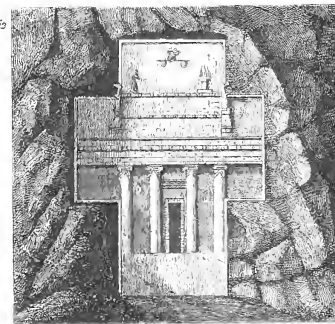
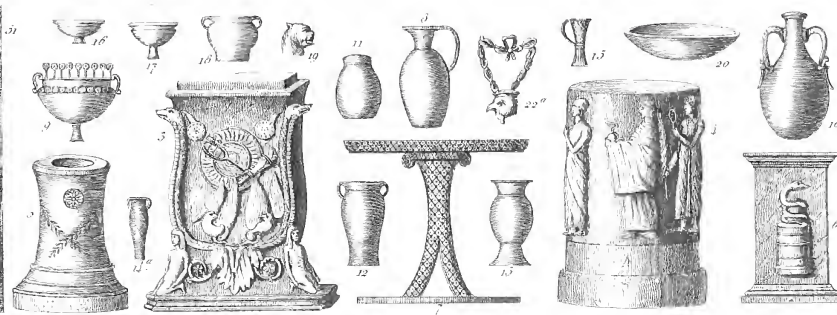
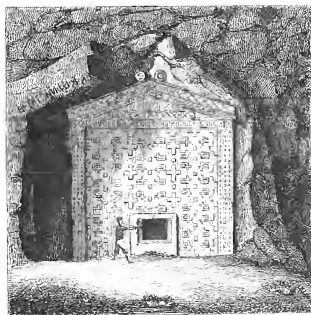


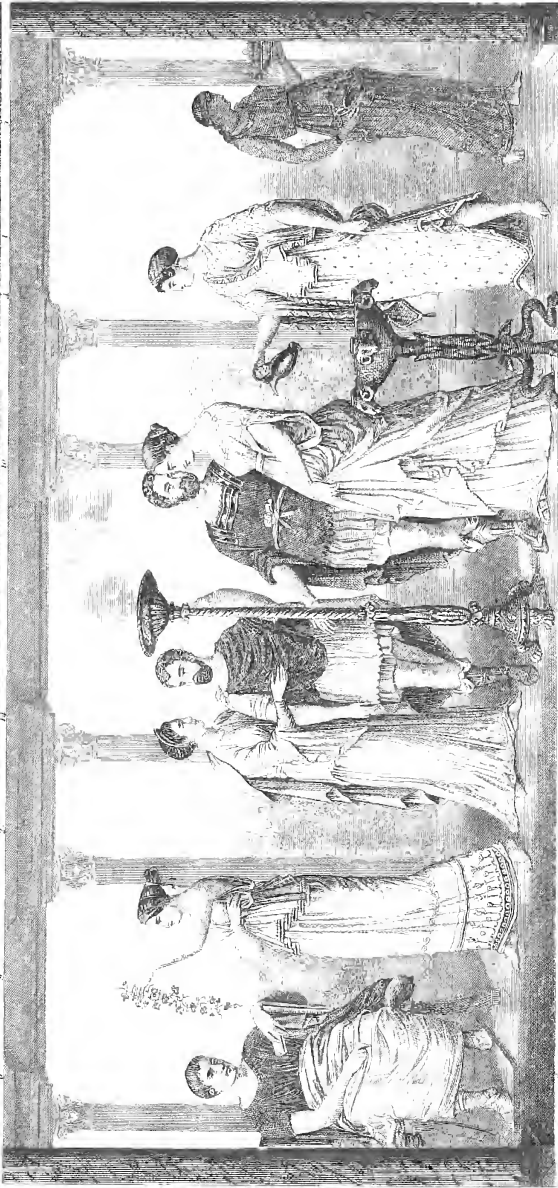
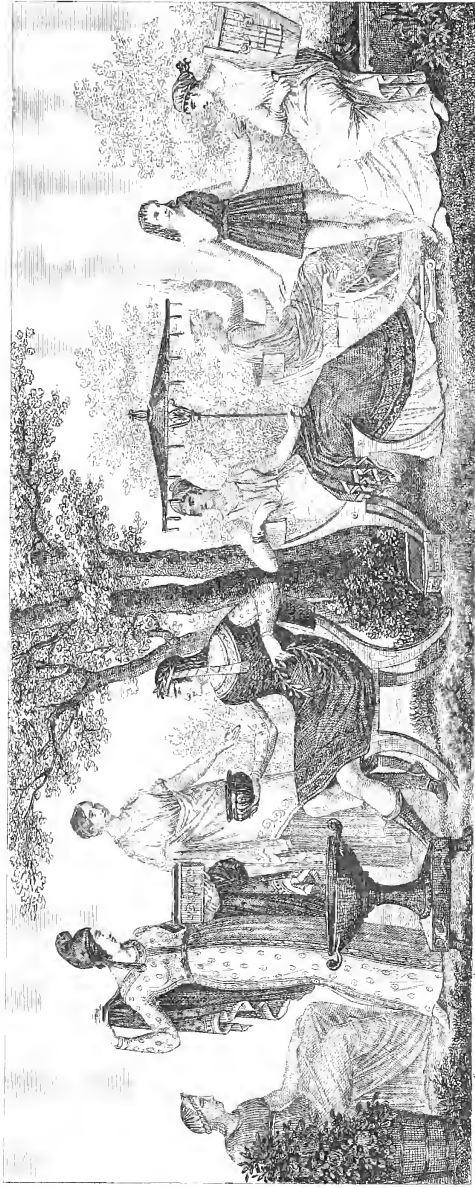




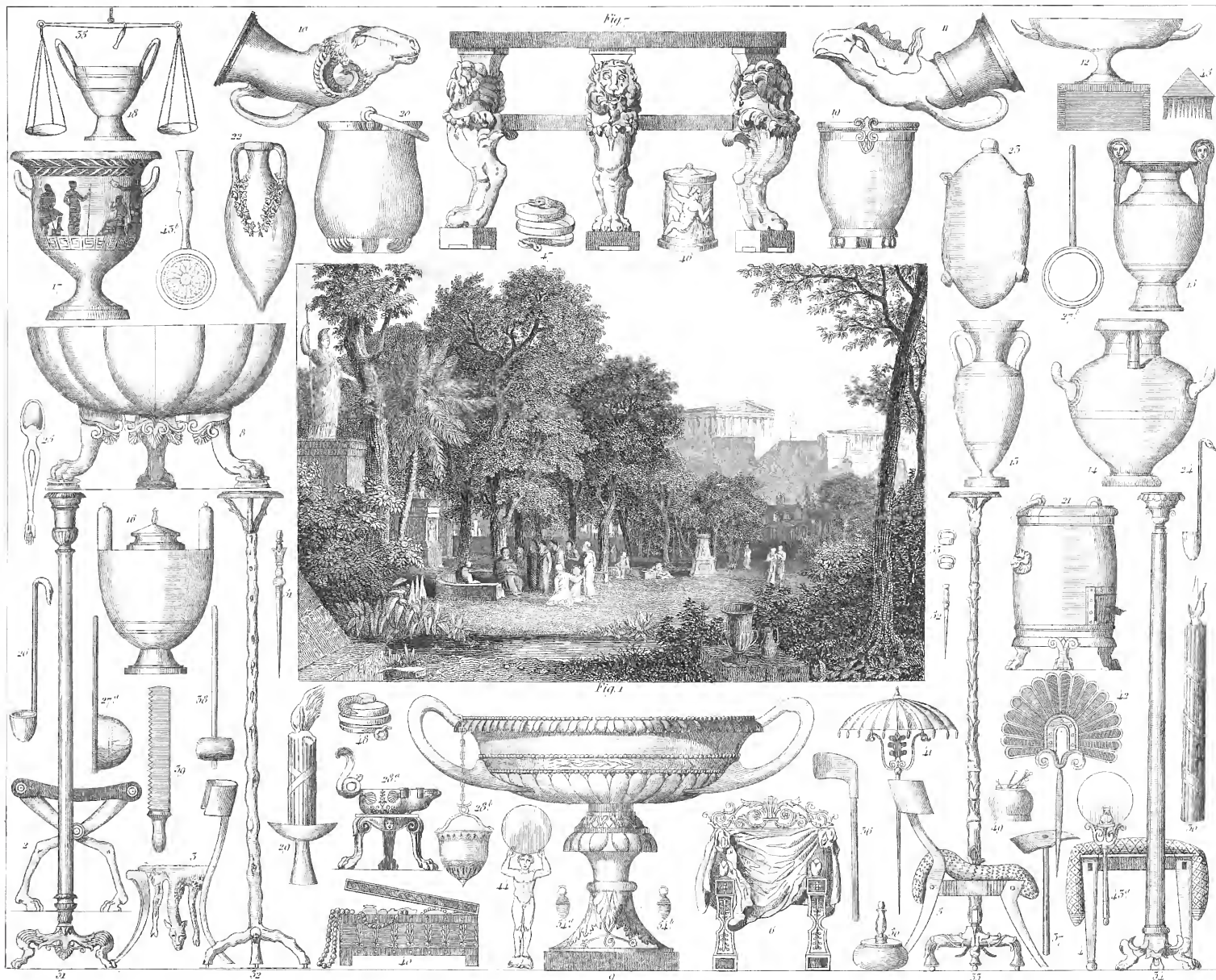


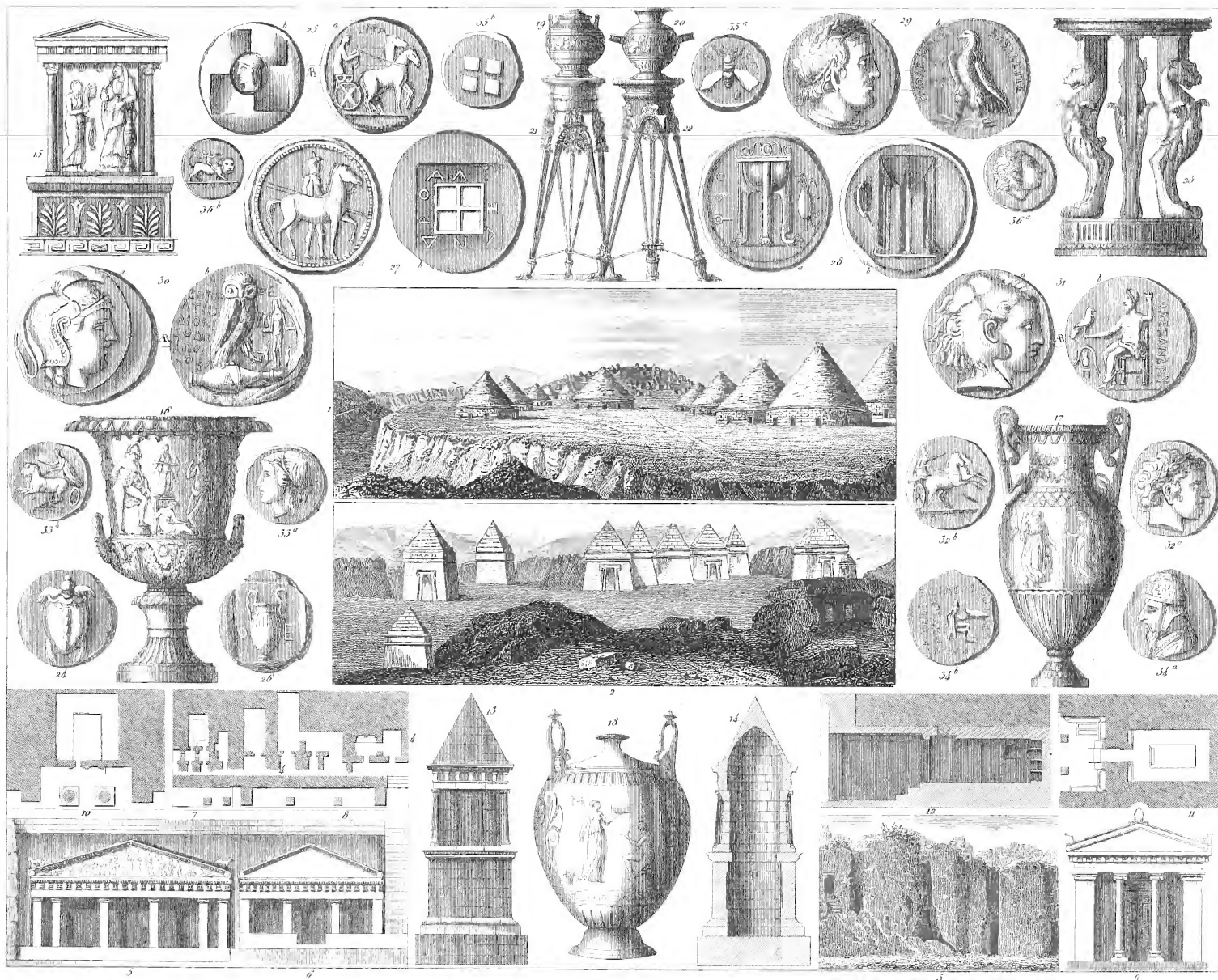


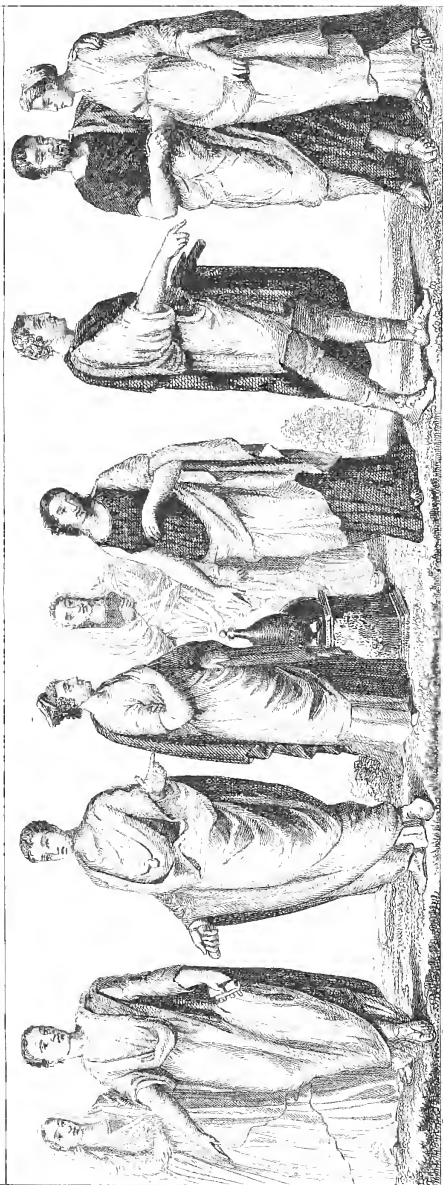
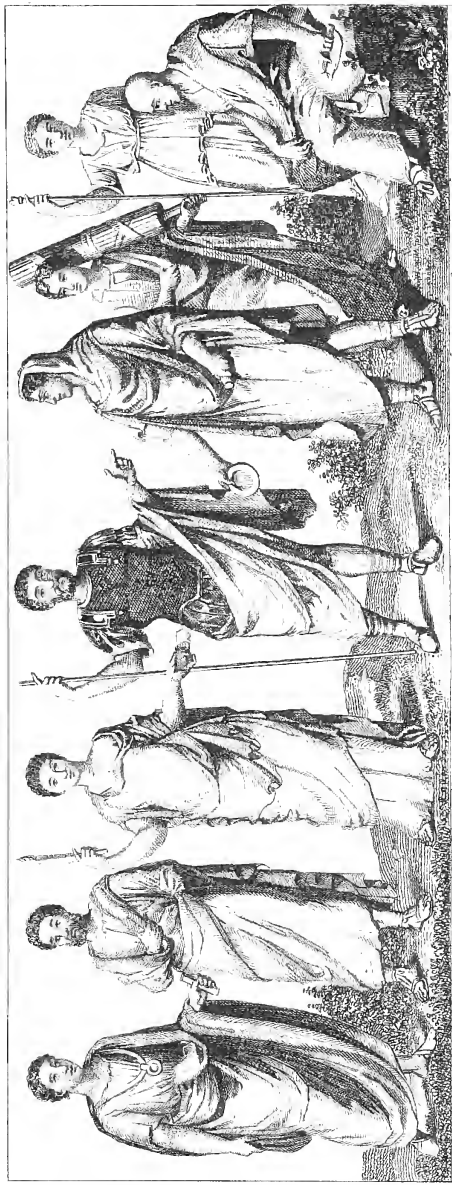


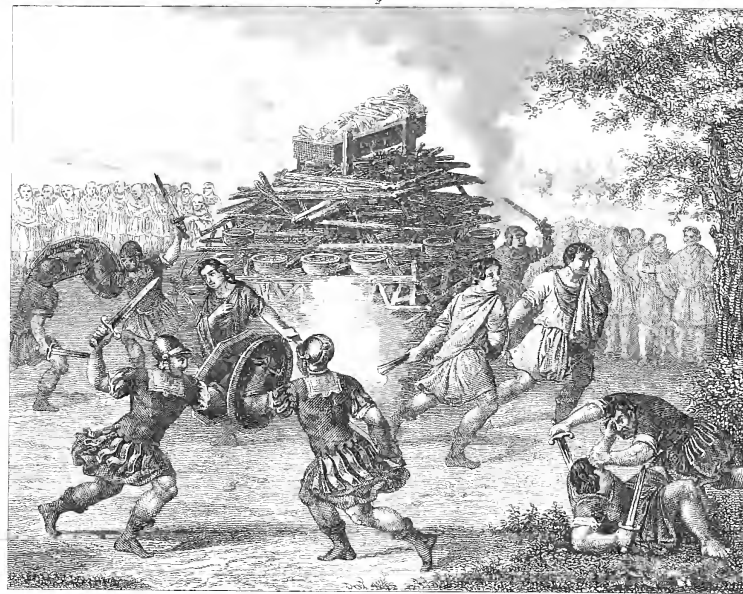


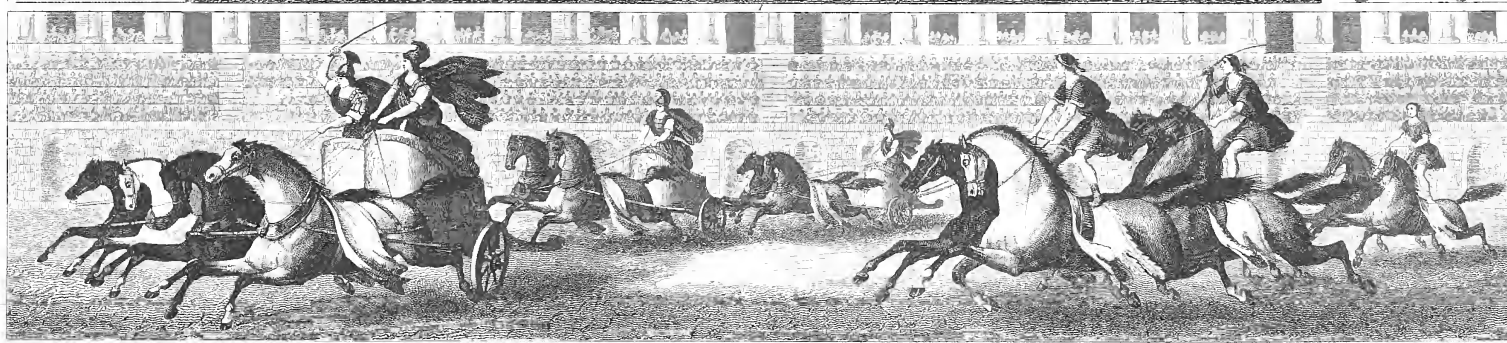
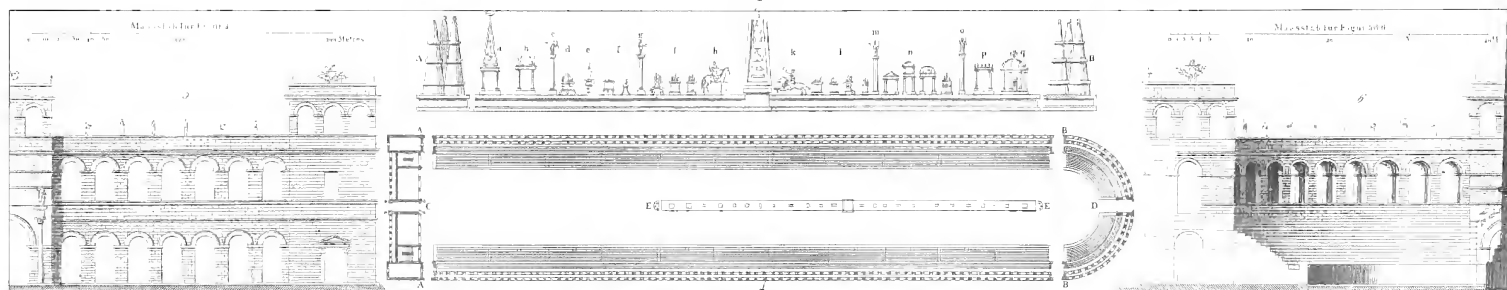












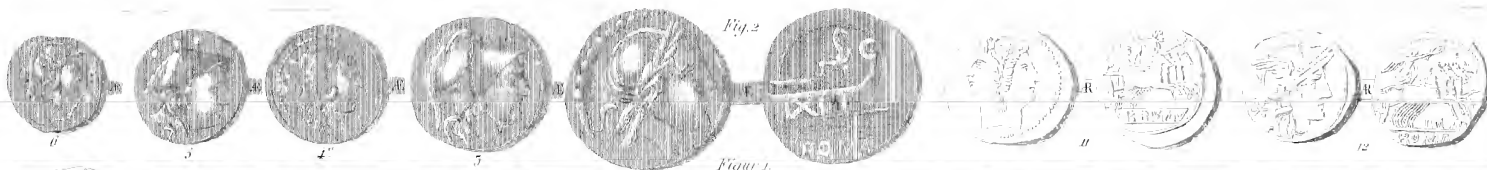


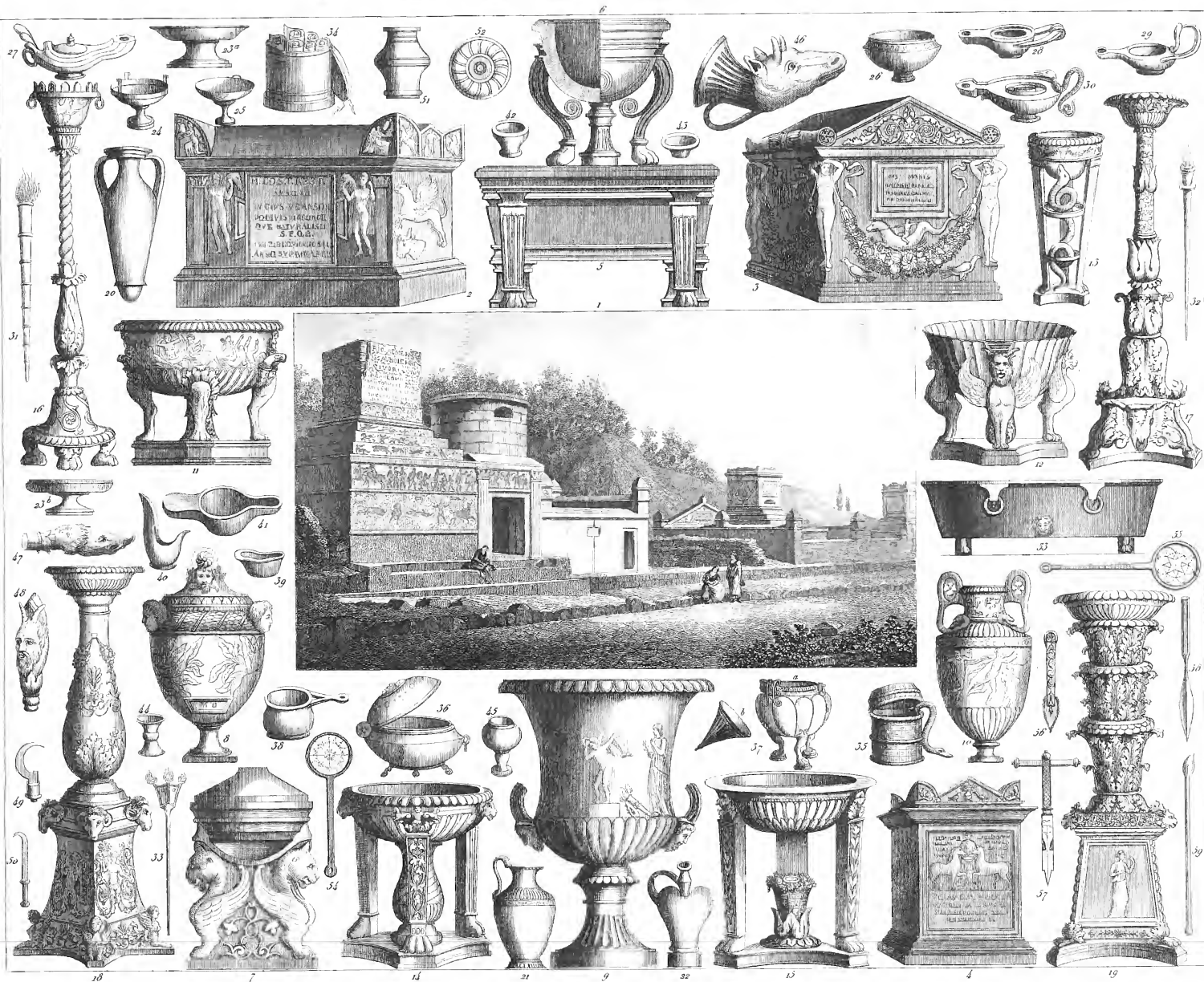
Fig. 2

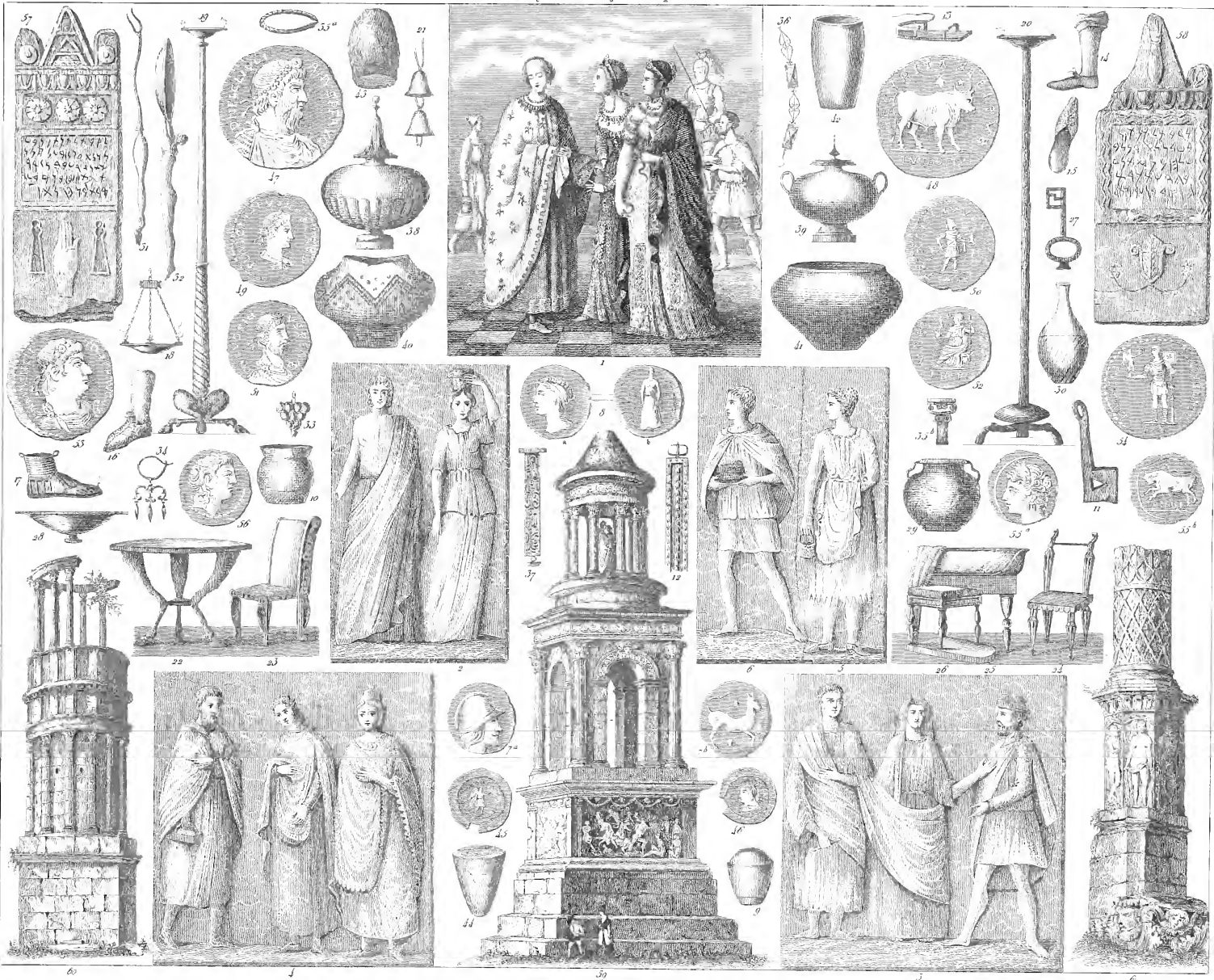
Figure 1.

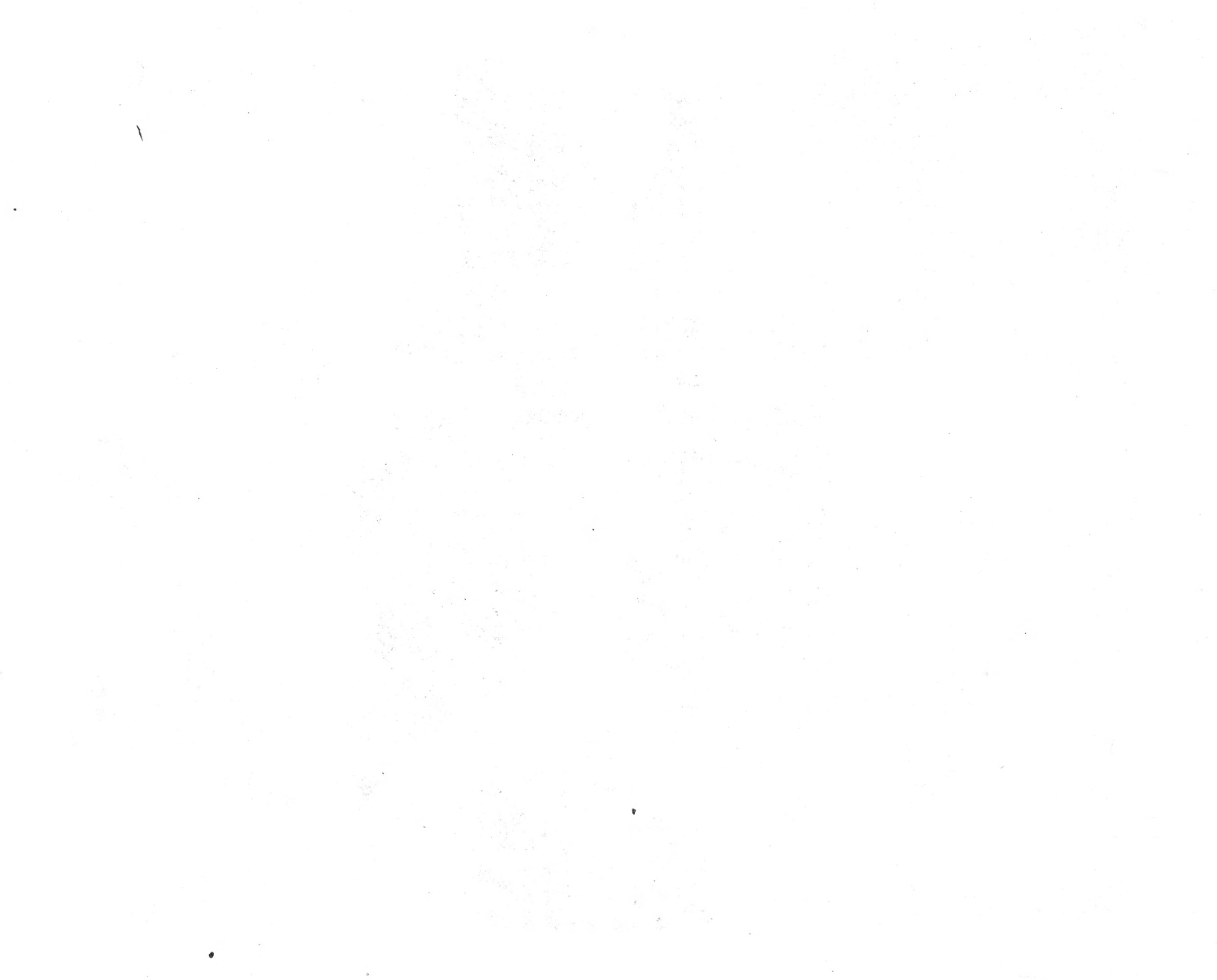


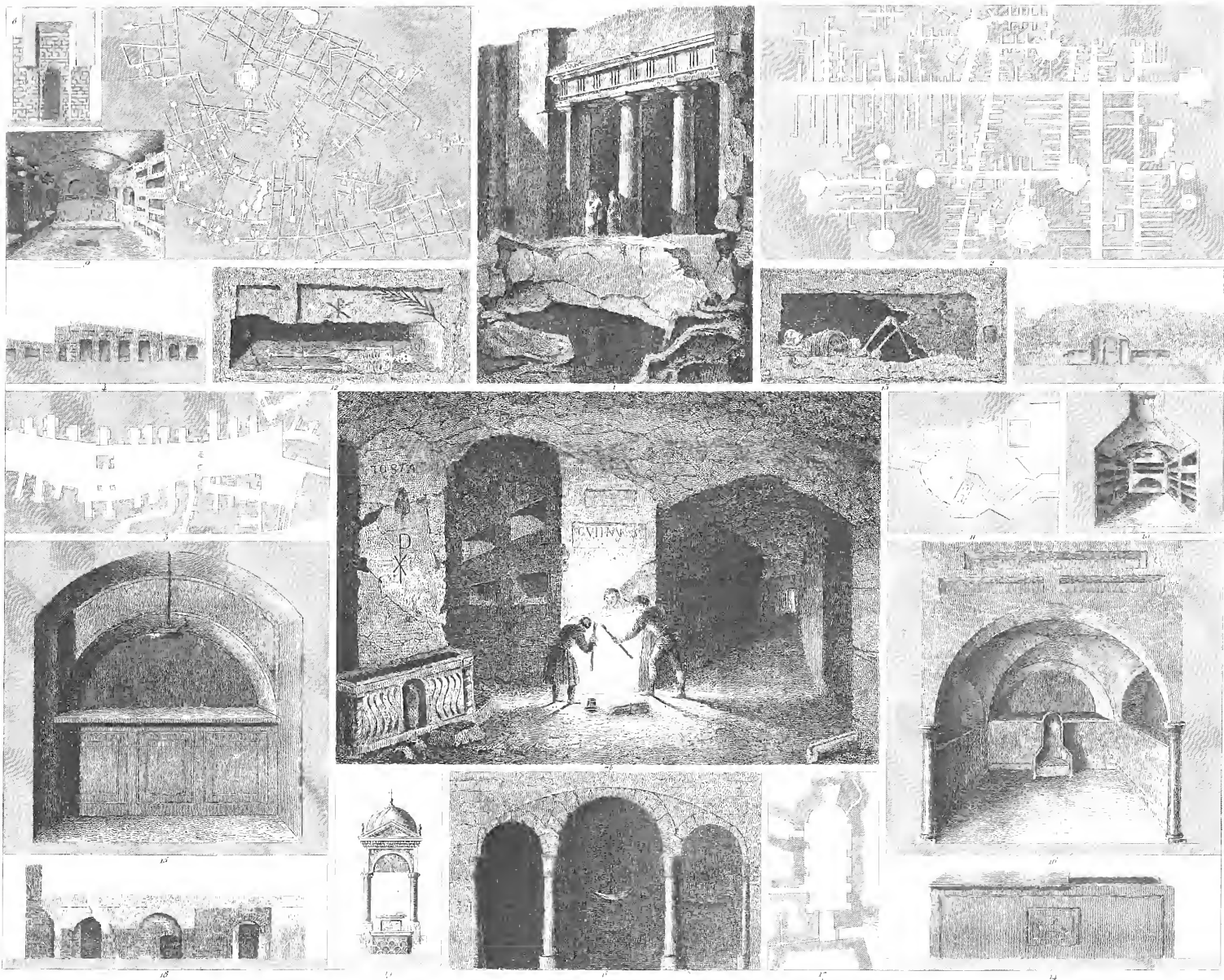
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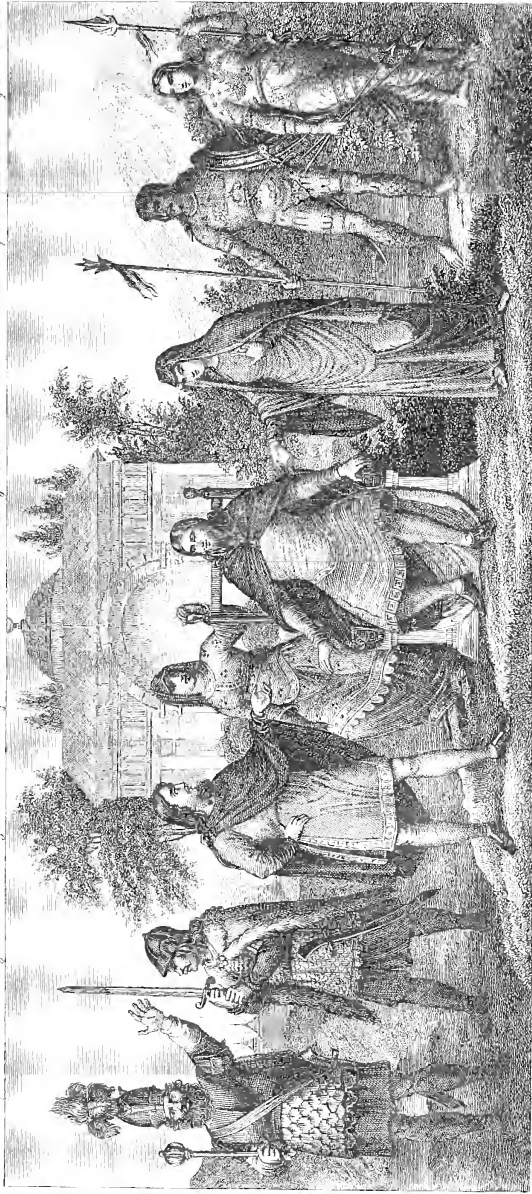
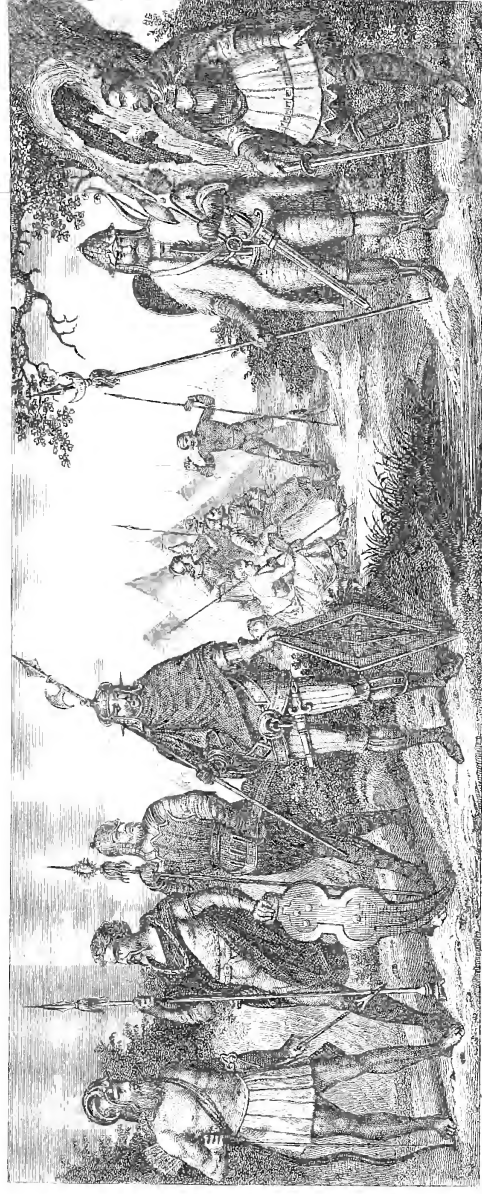


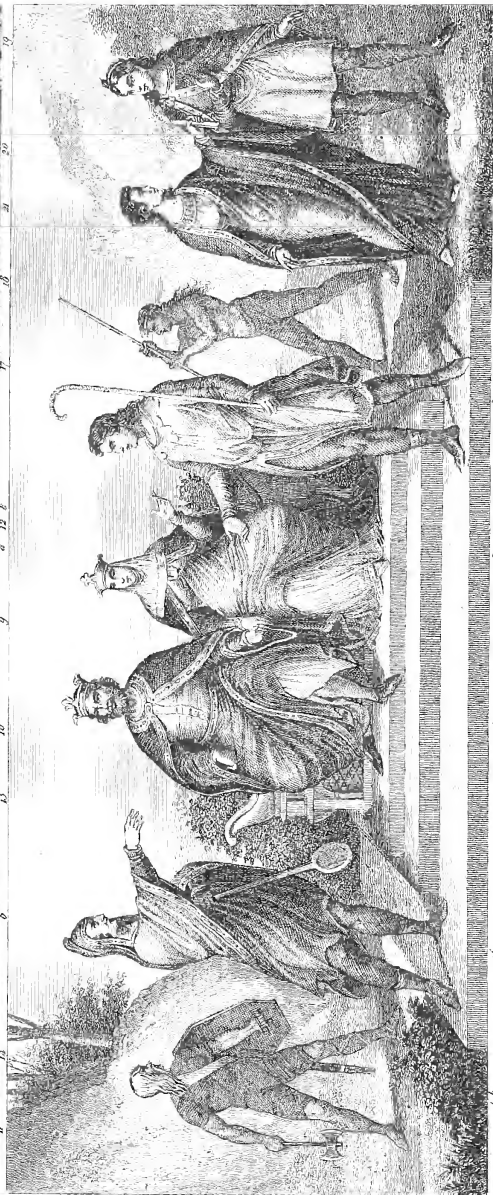
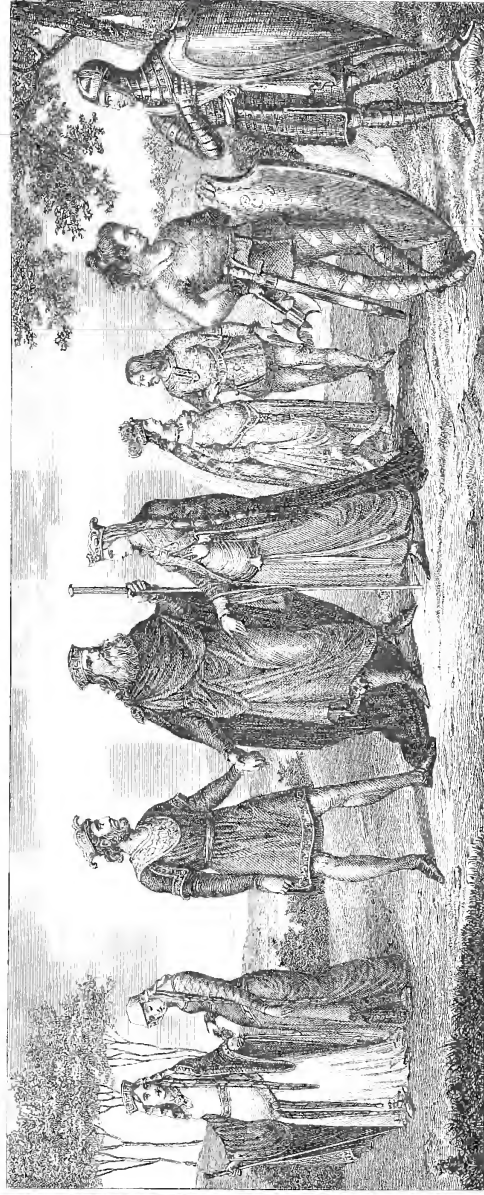


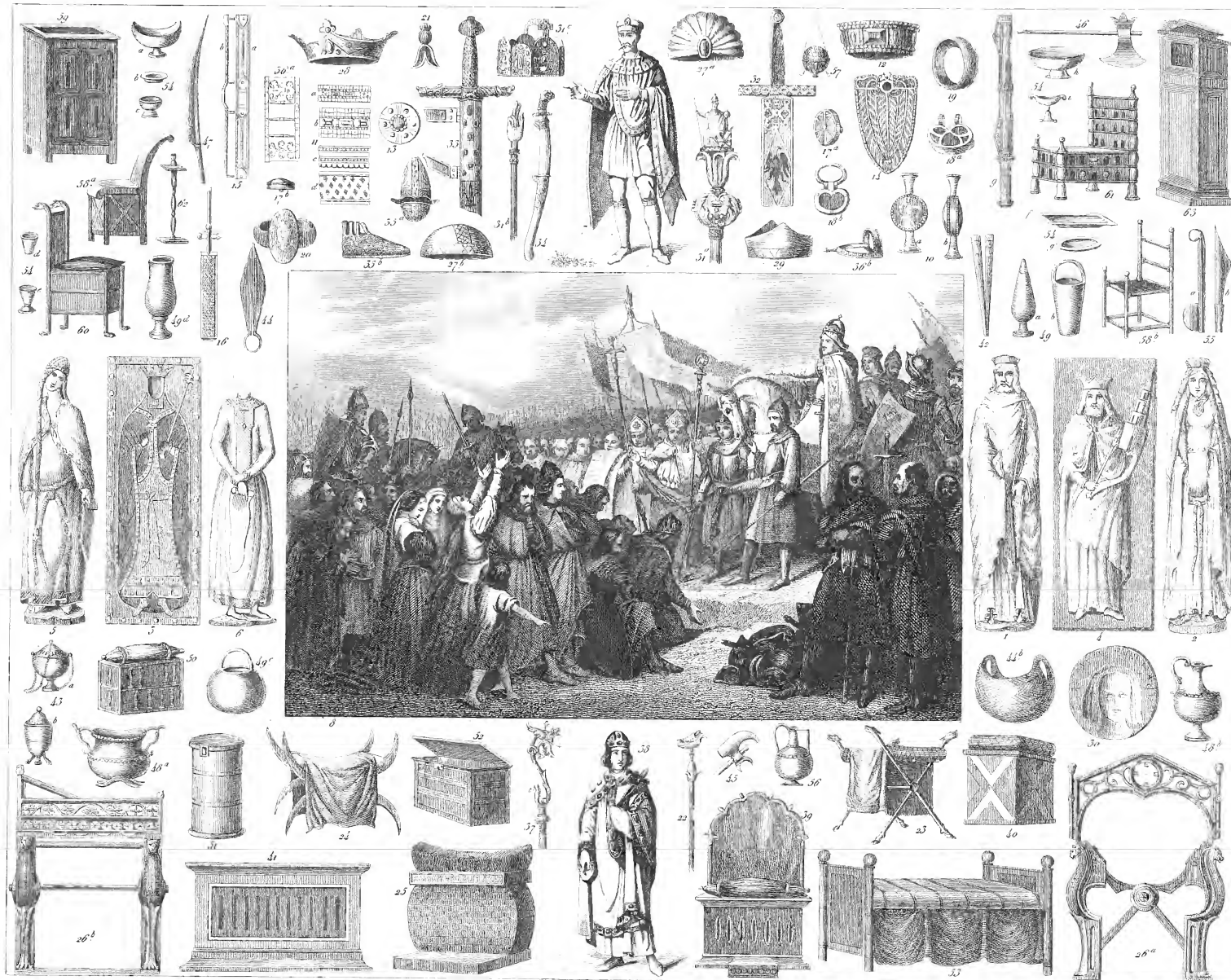


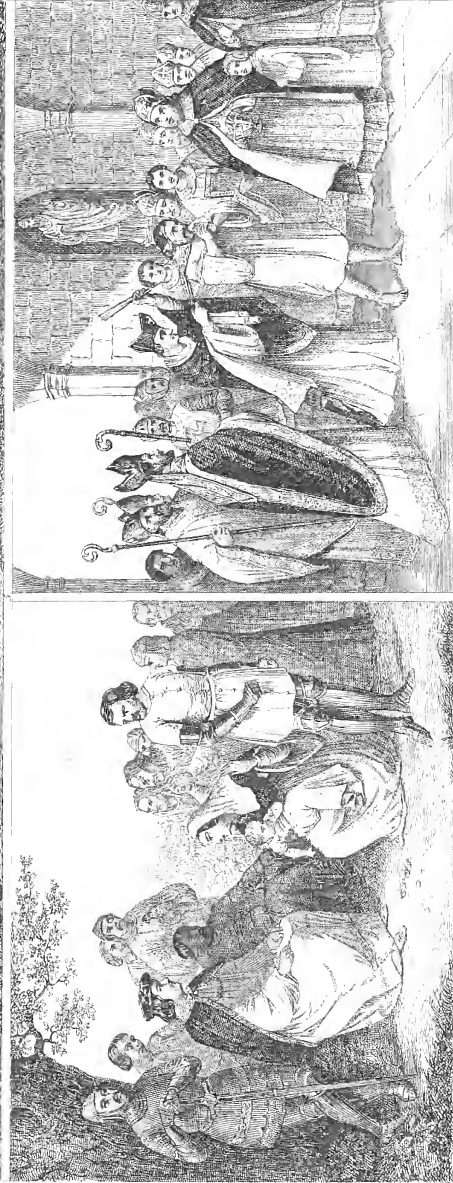
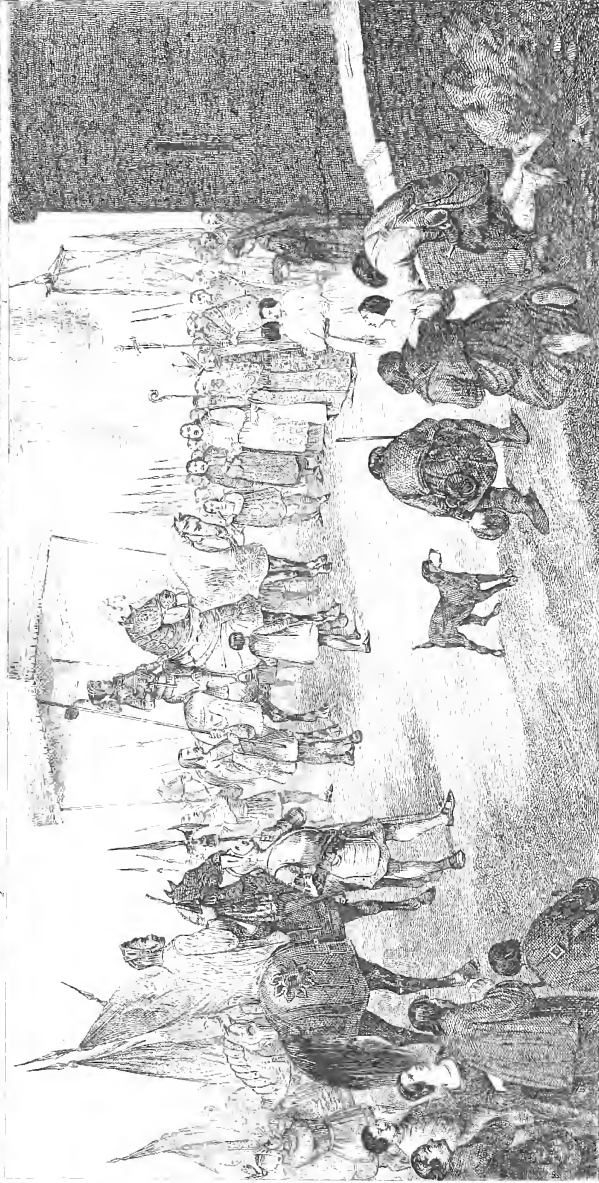
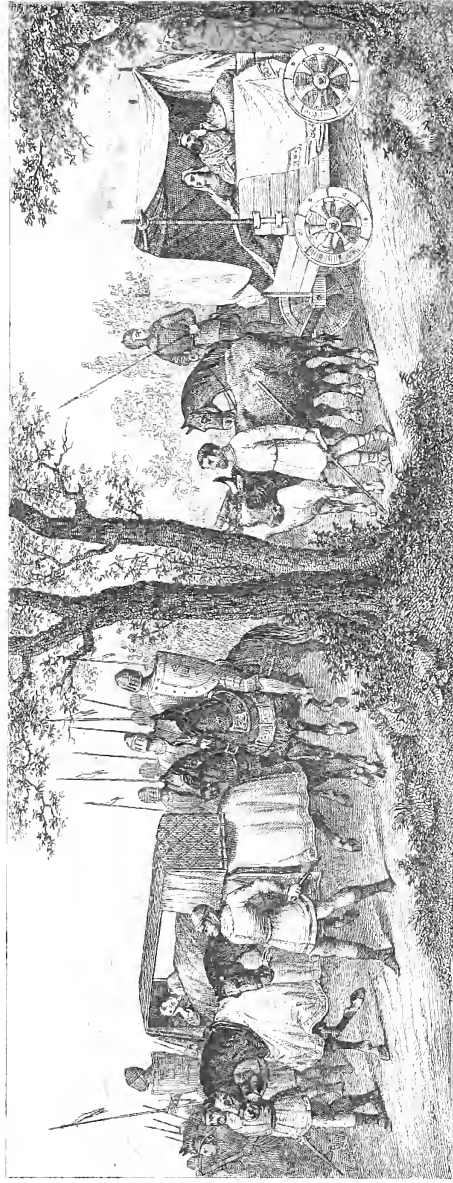








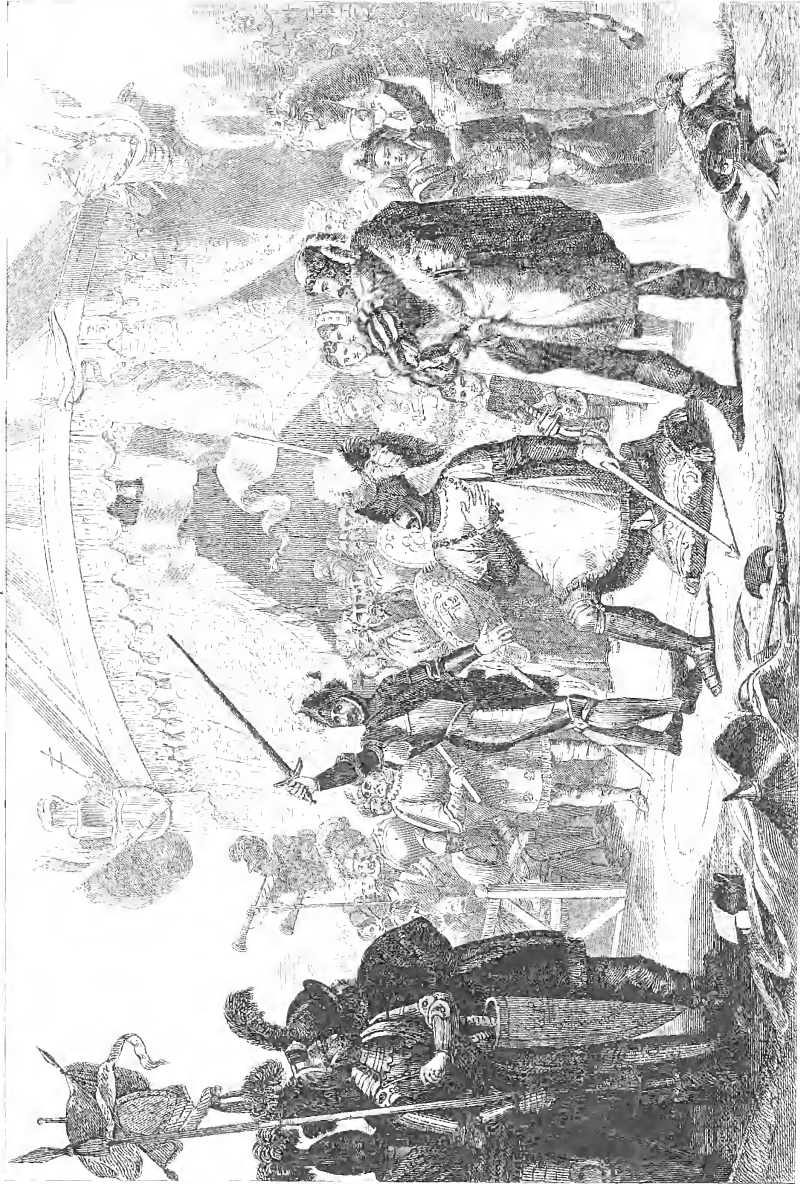
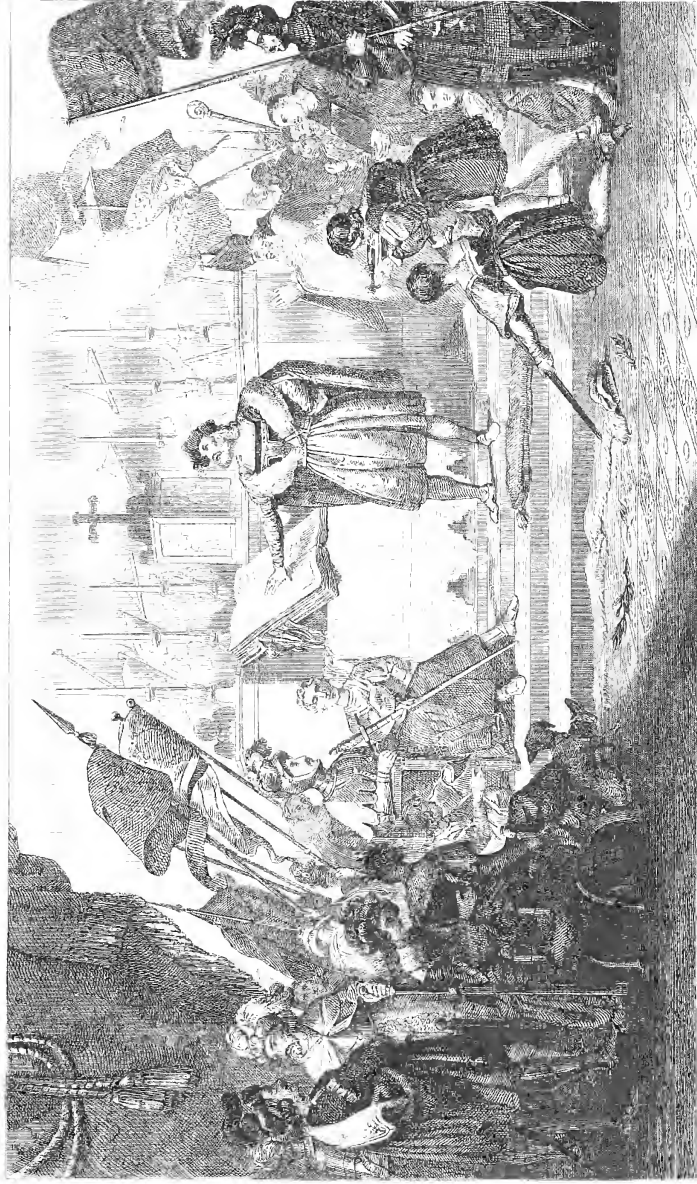




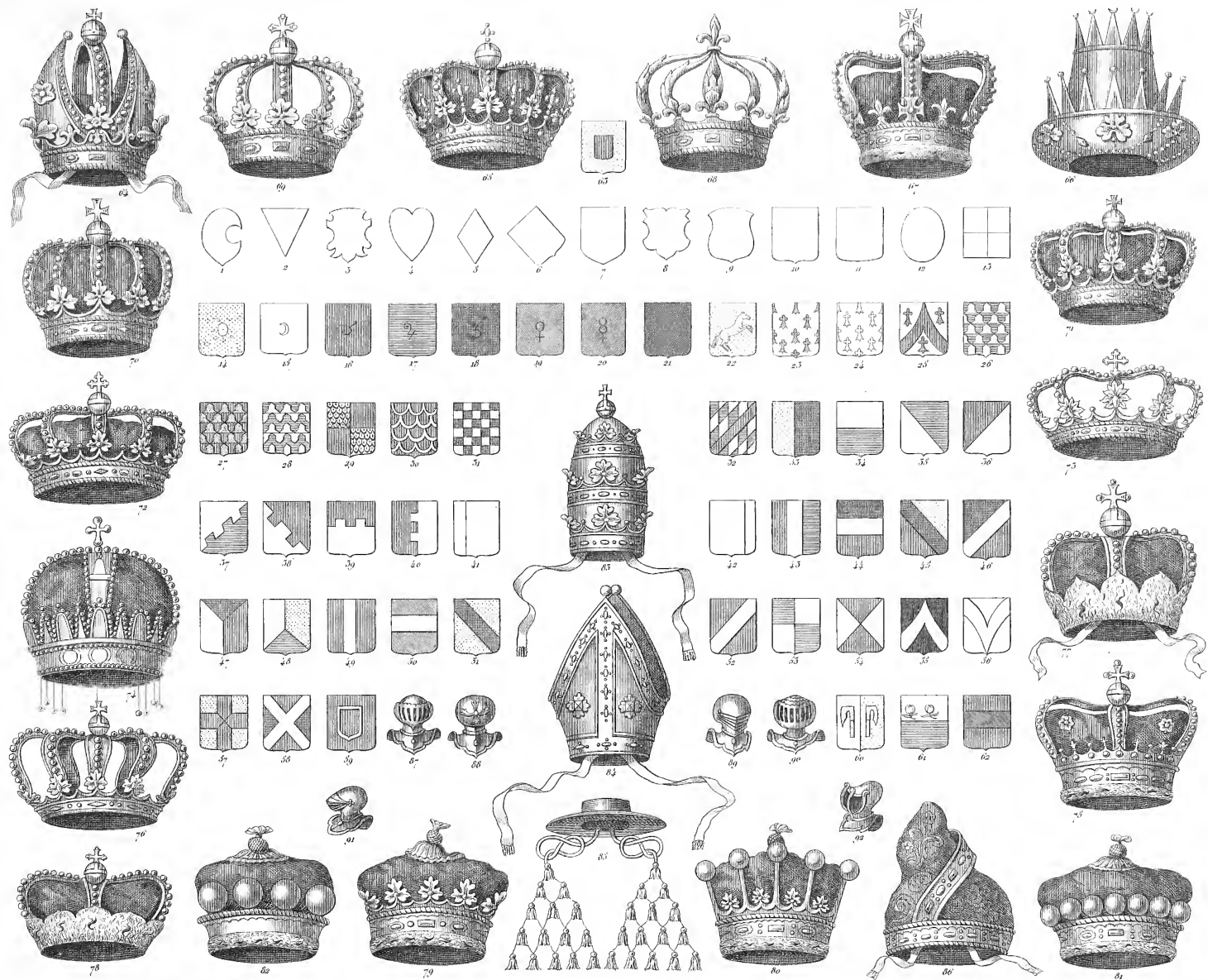




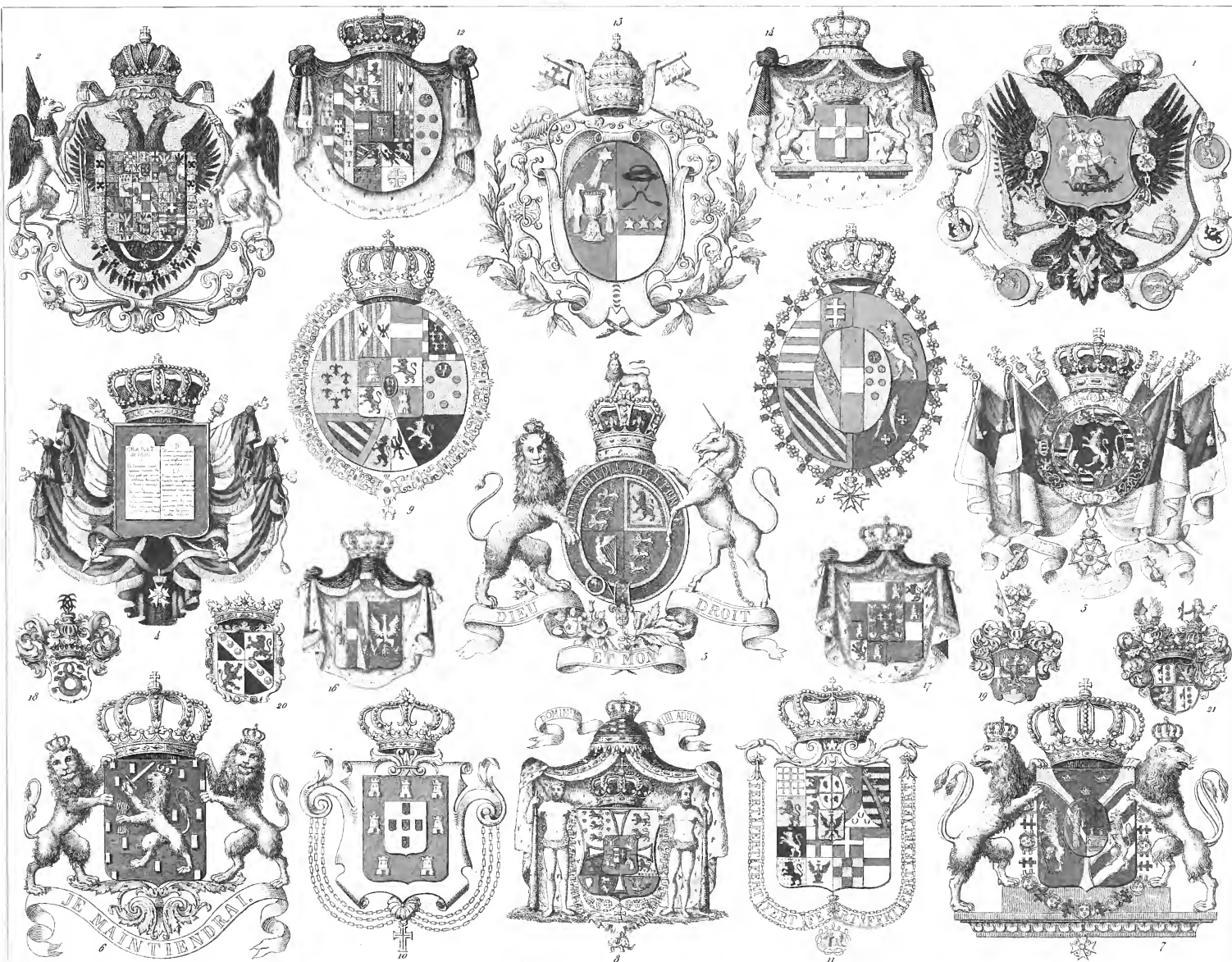


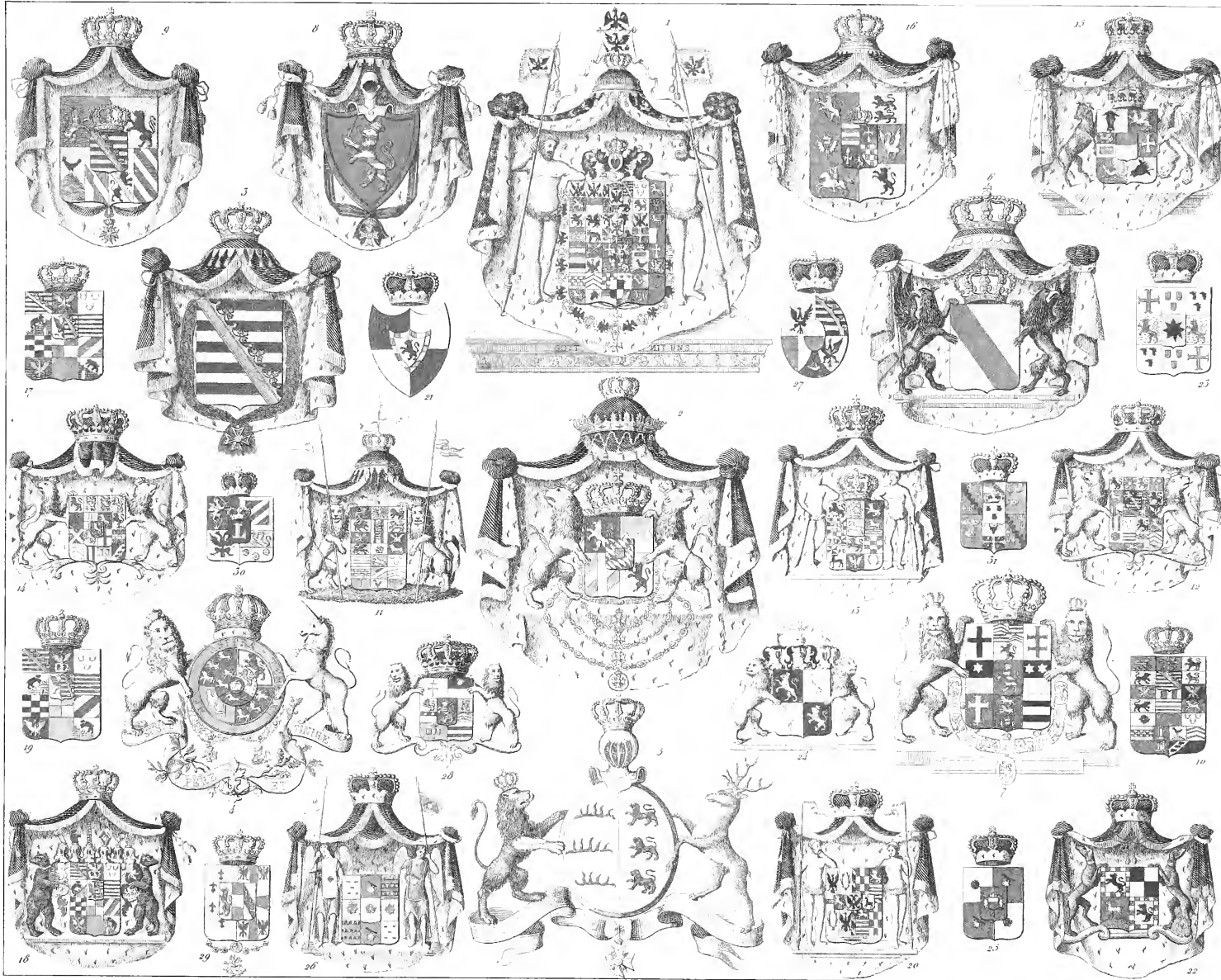


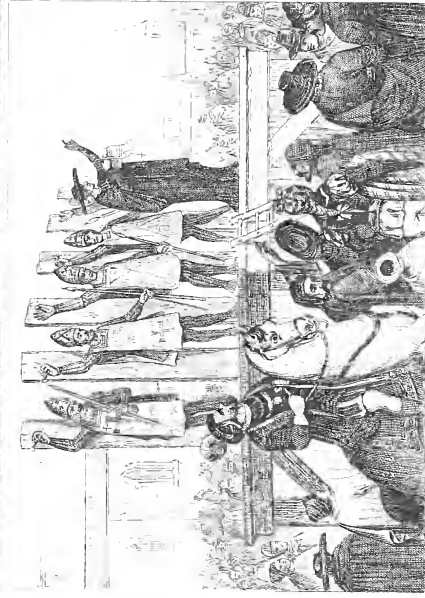
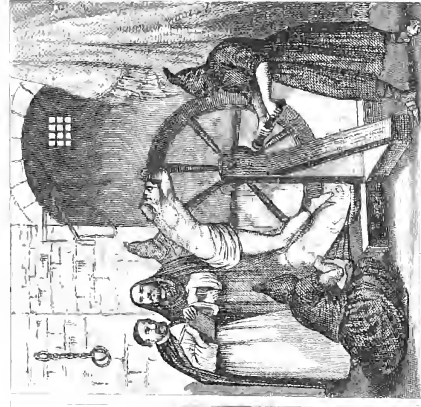
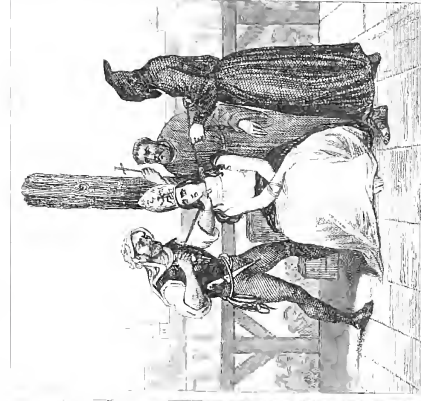


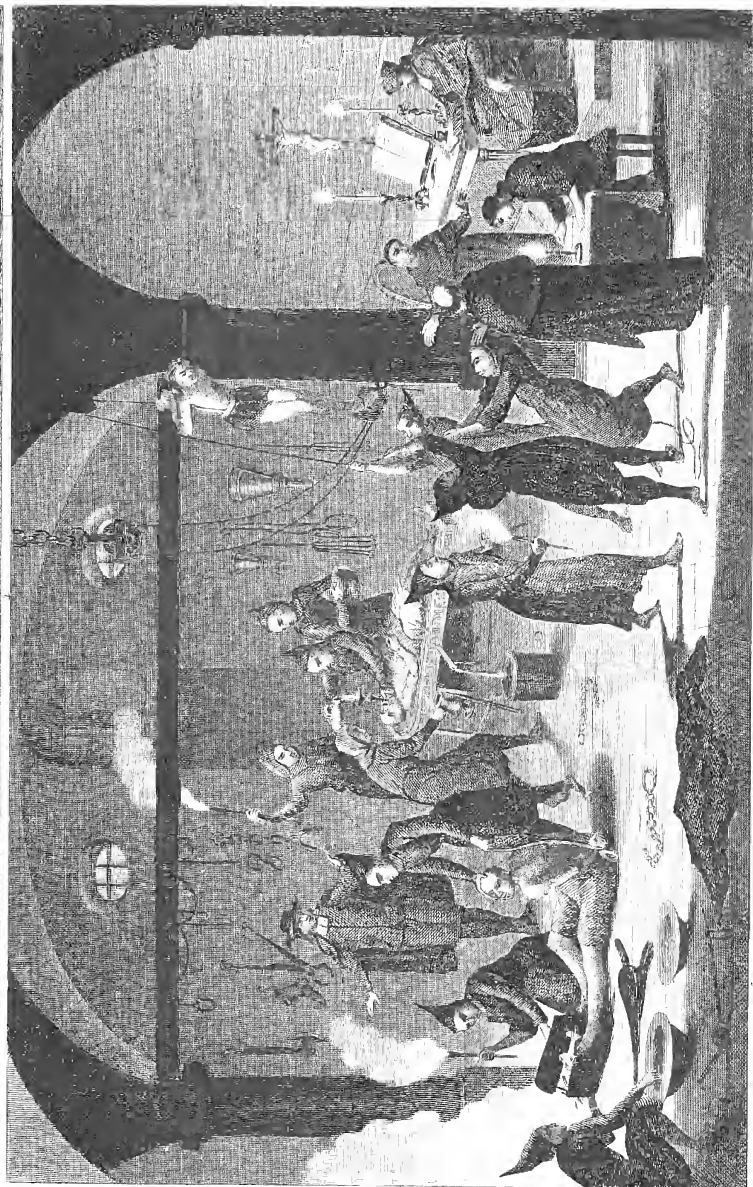
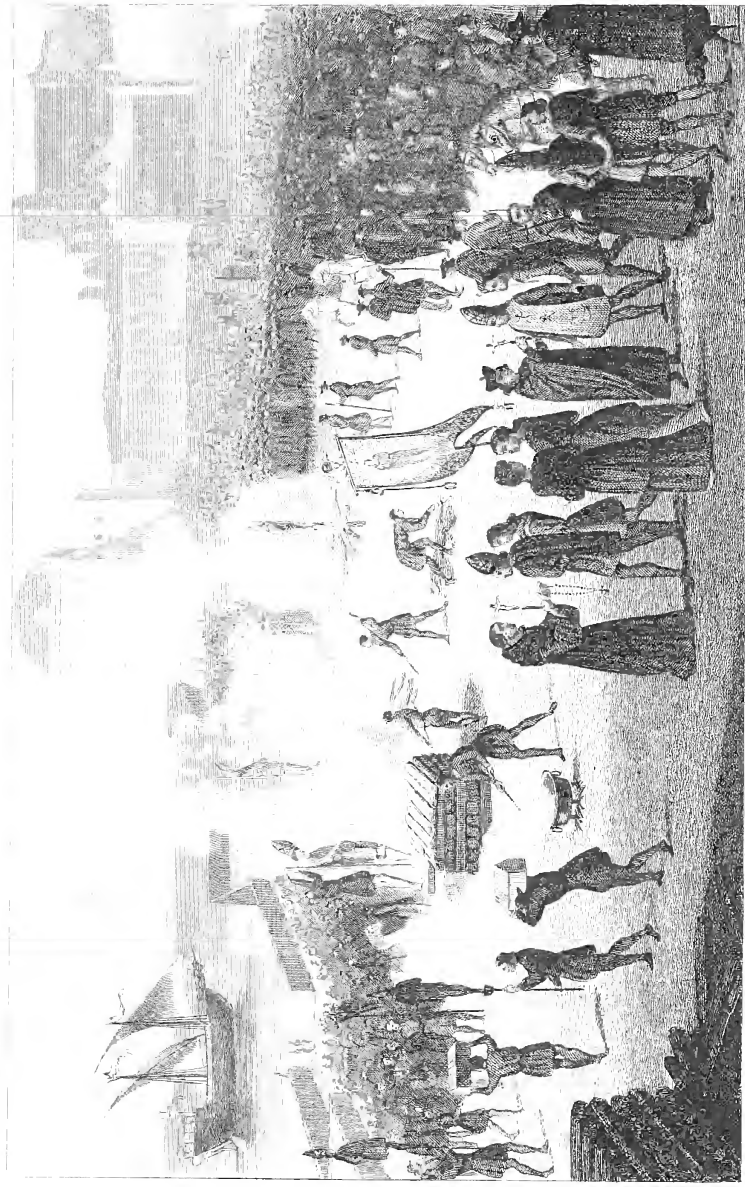




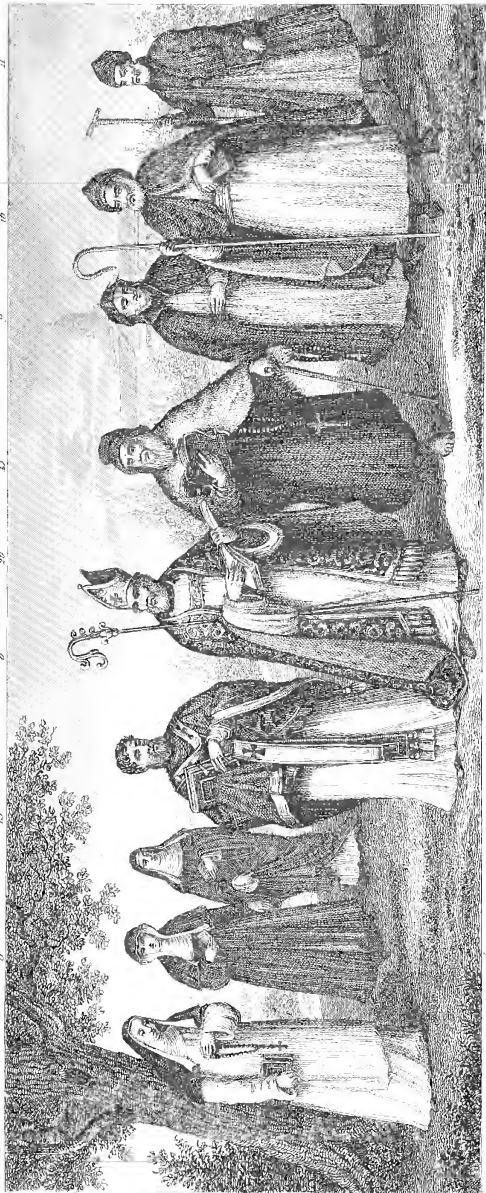
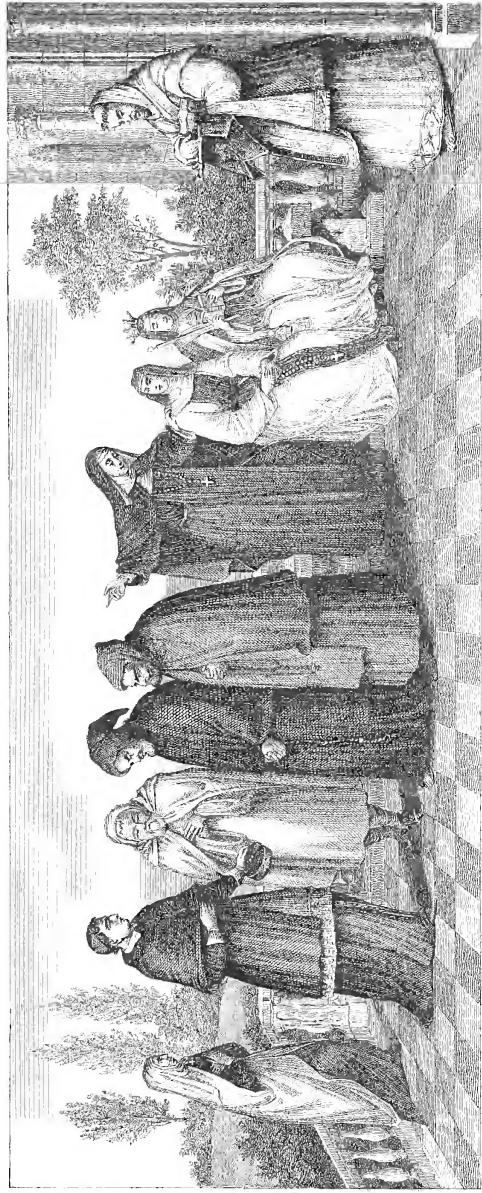


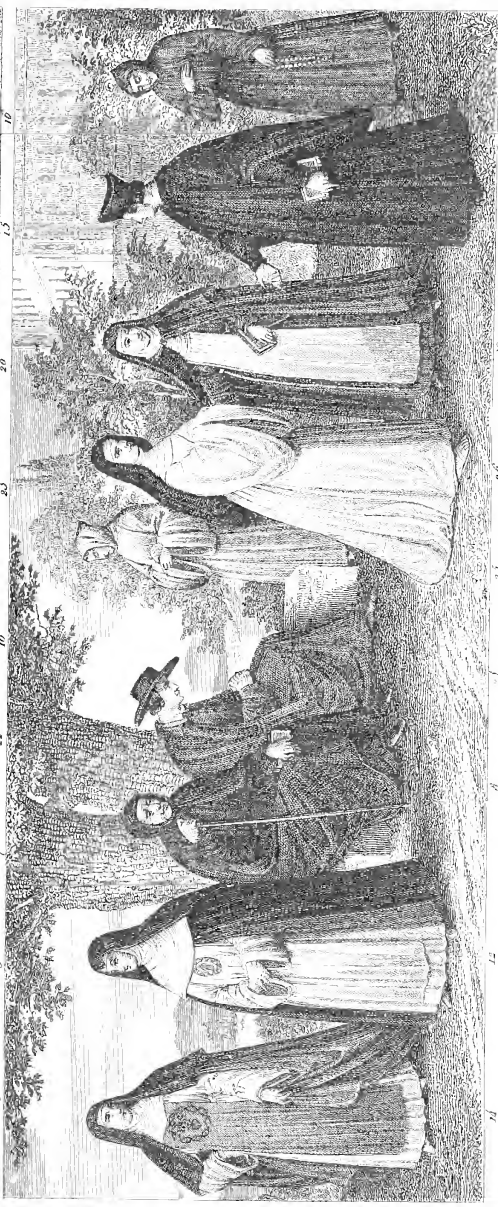
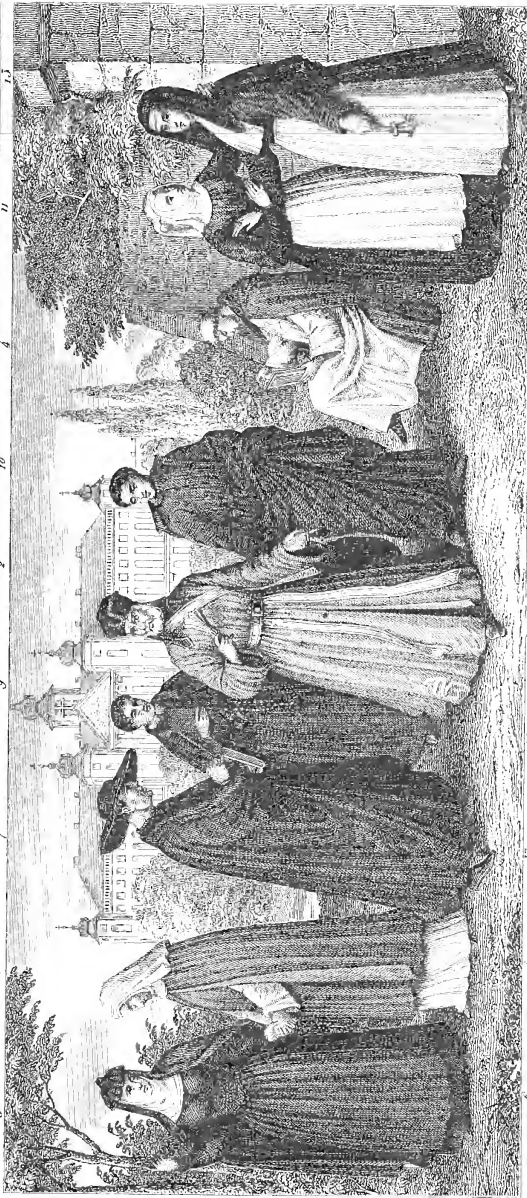
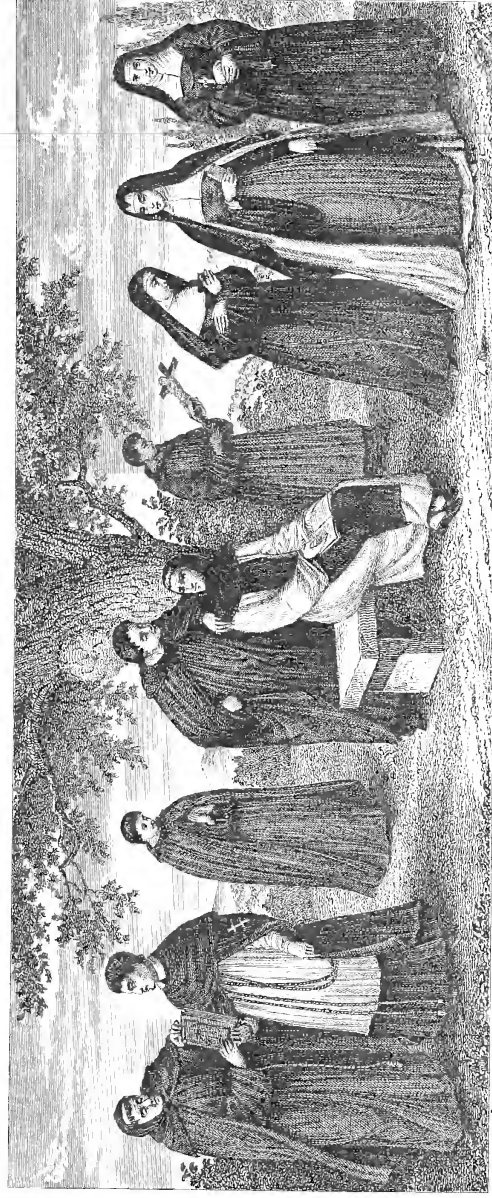


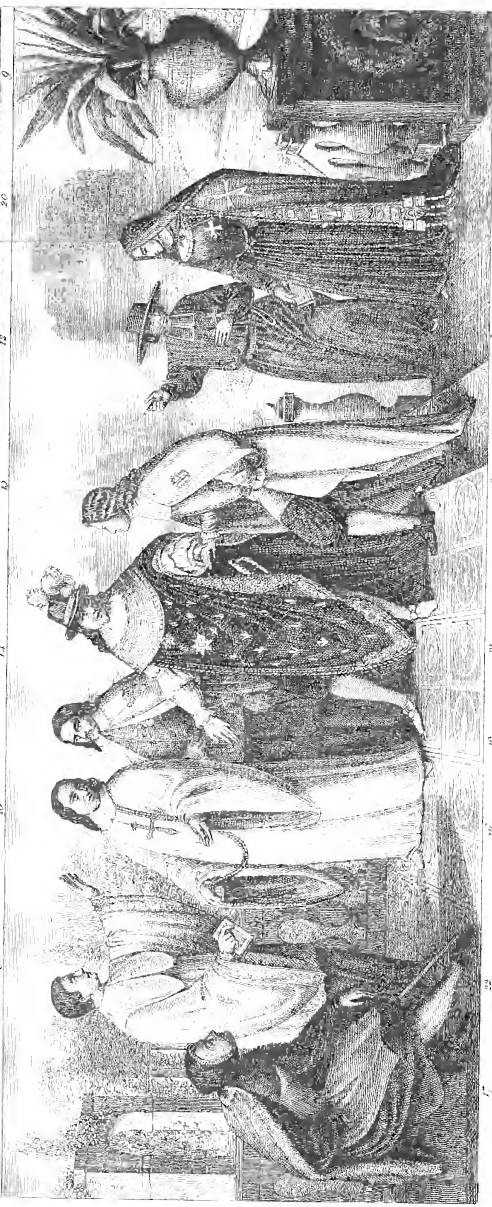


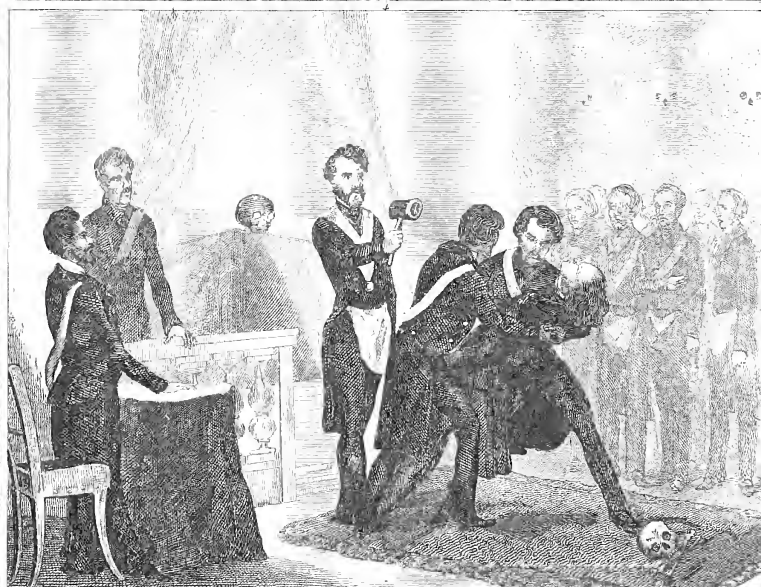
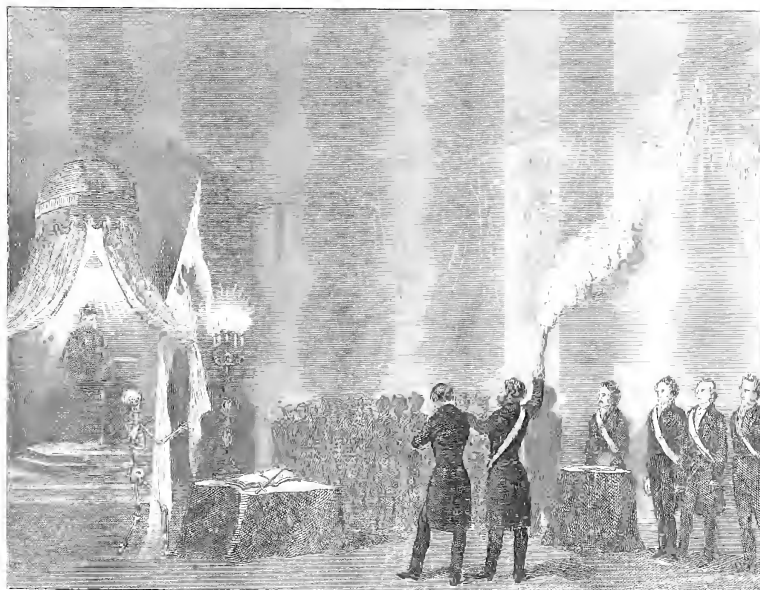


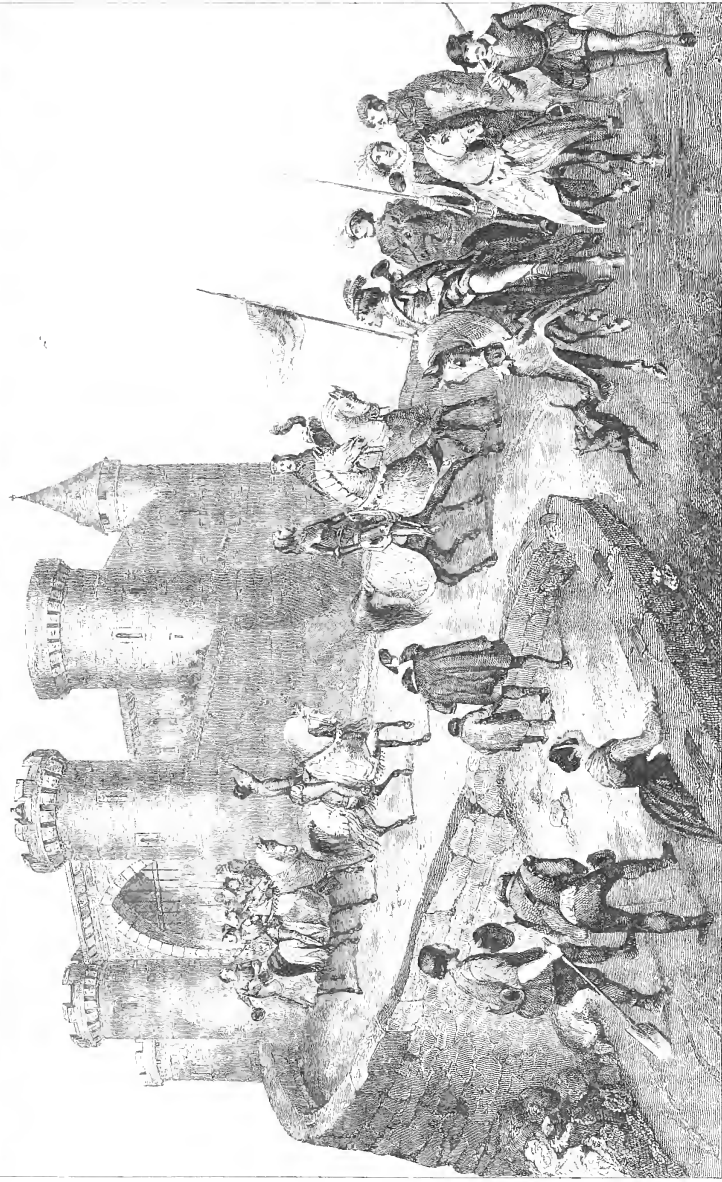






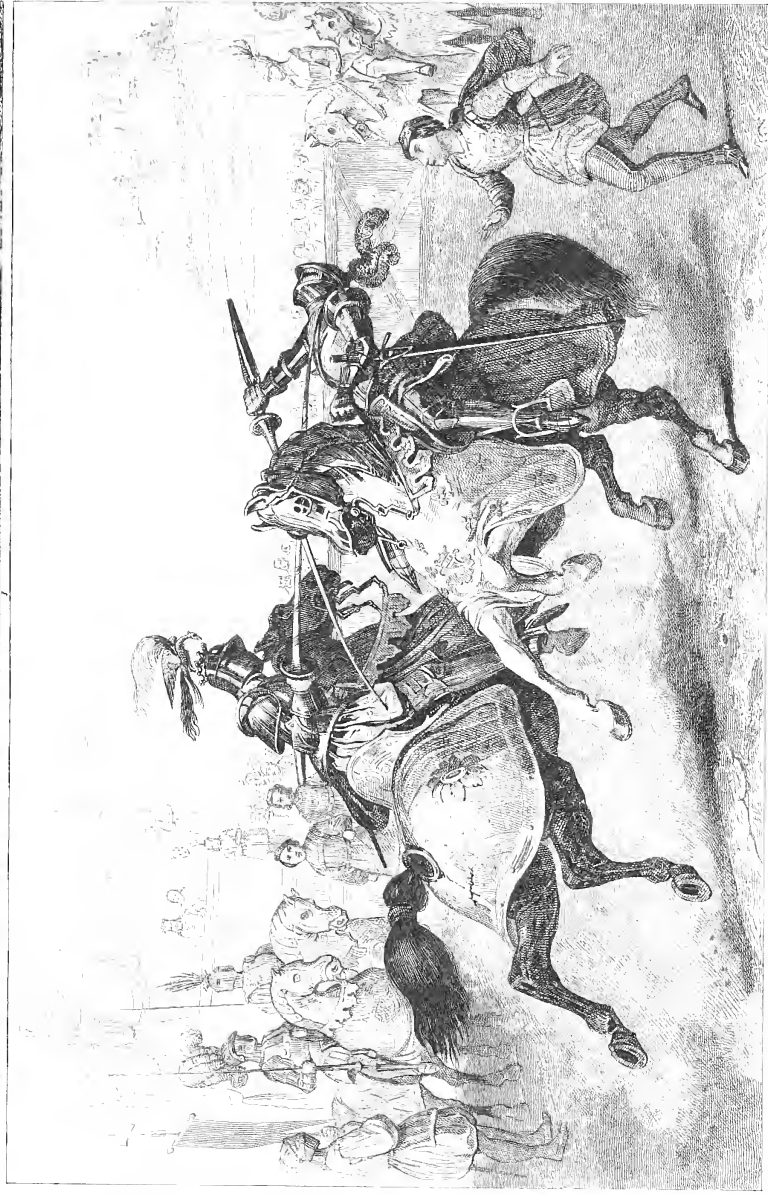
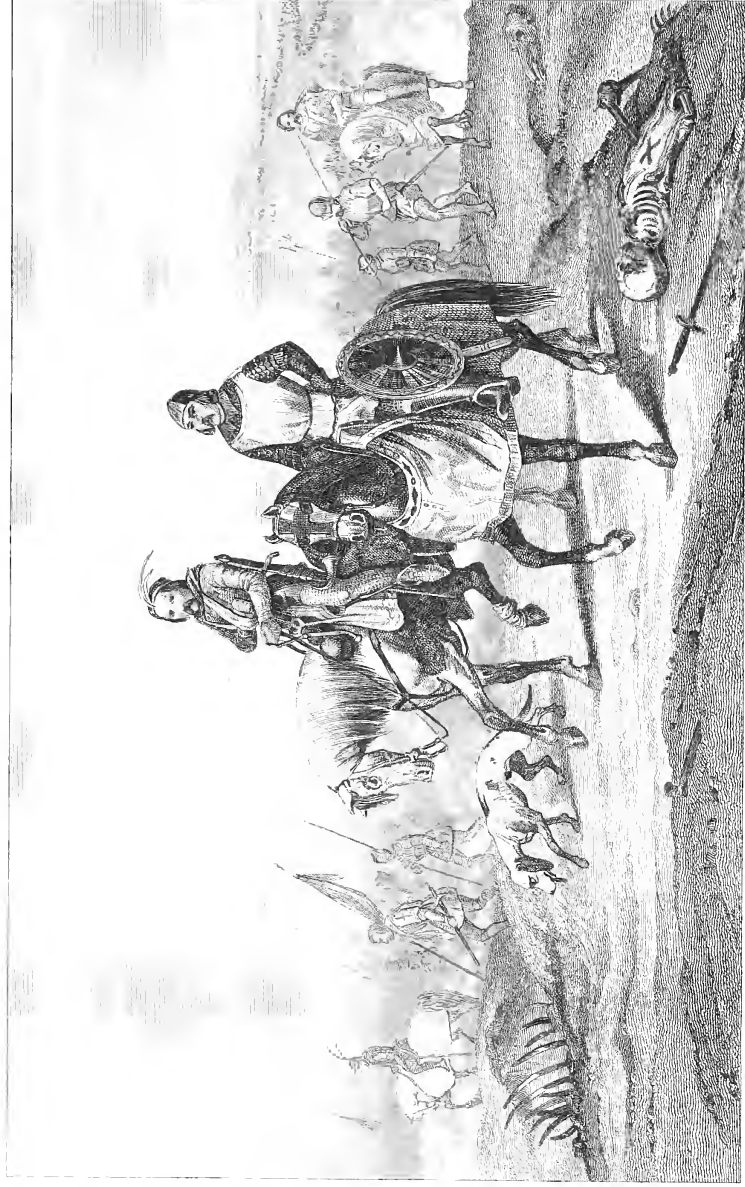


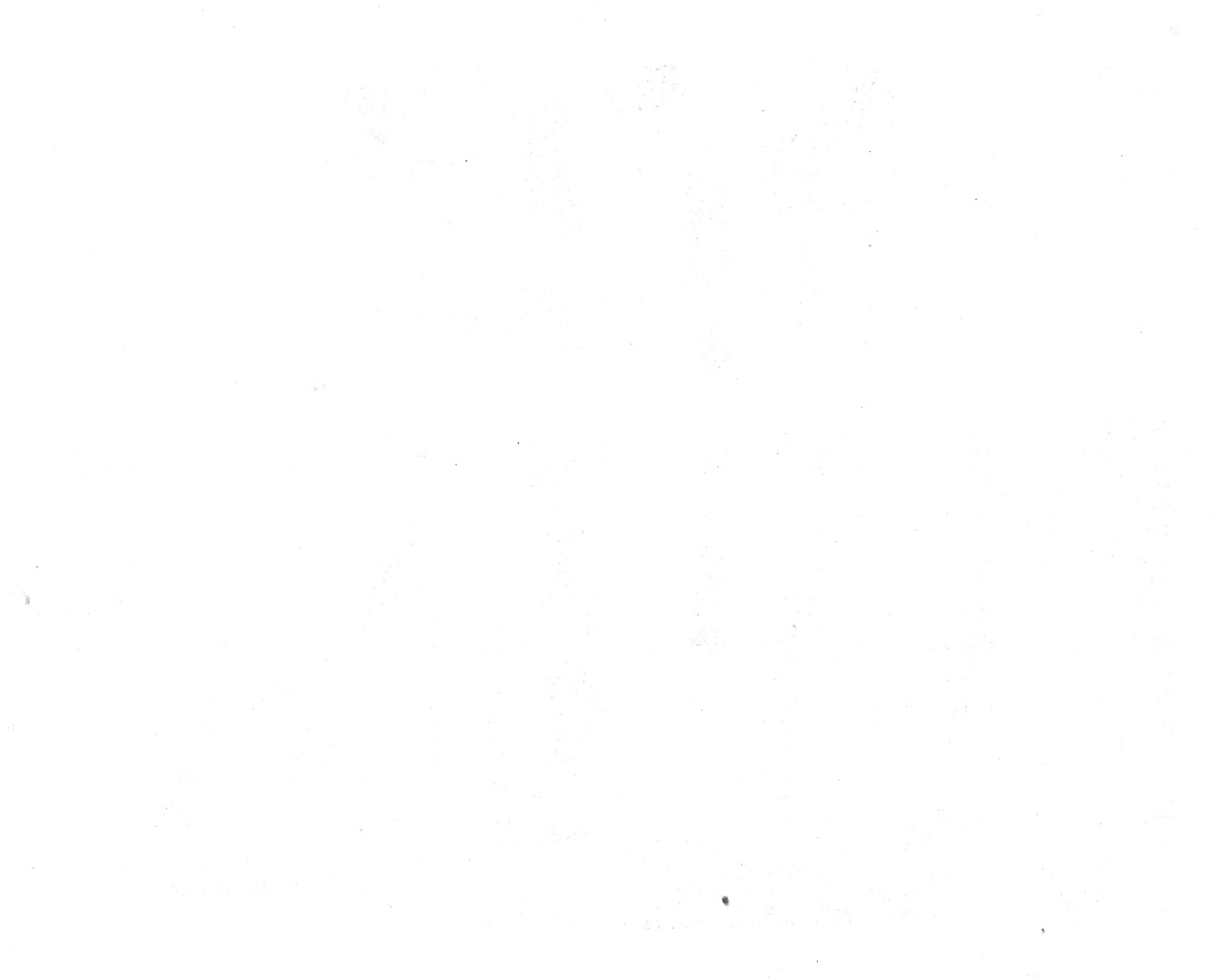


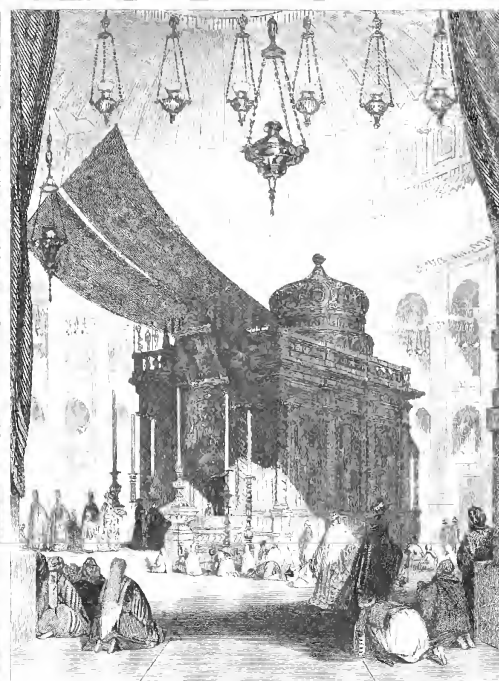
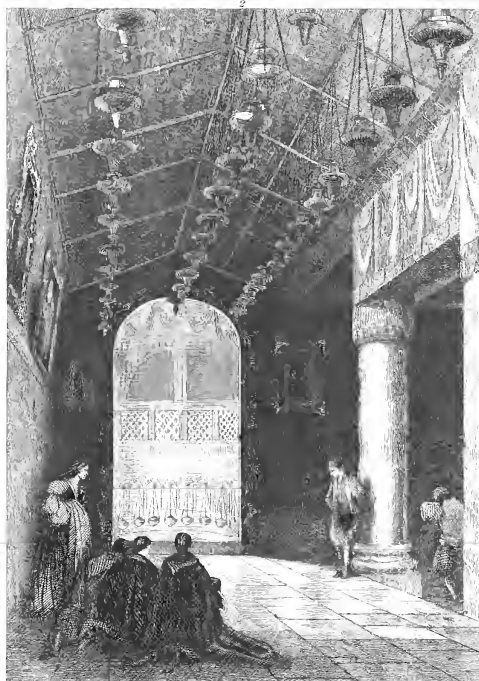
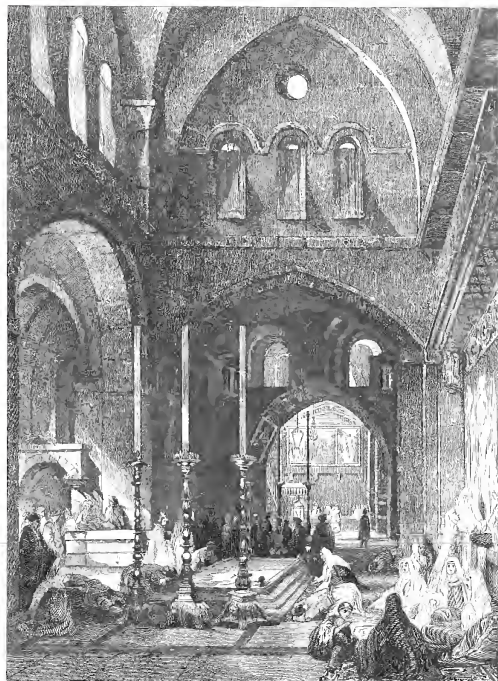
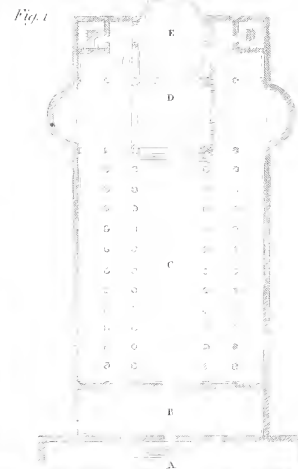
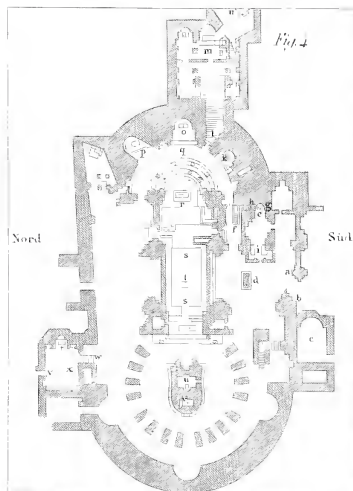


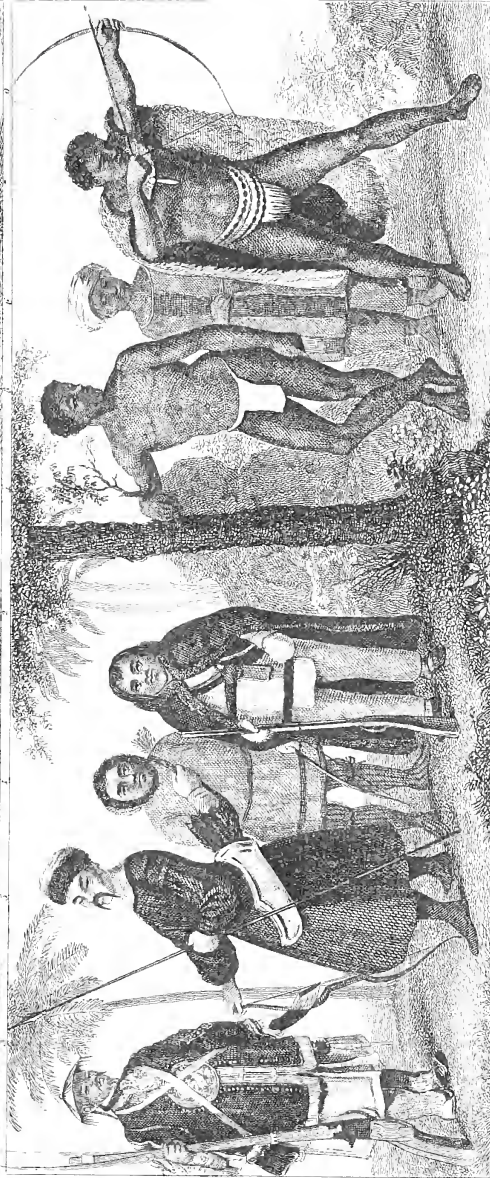
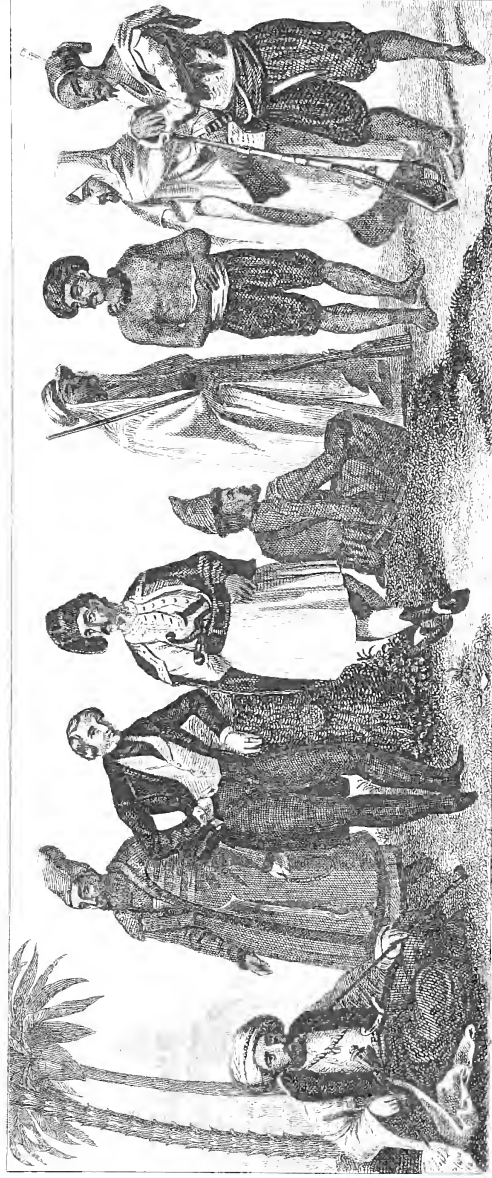




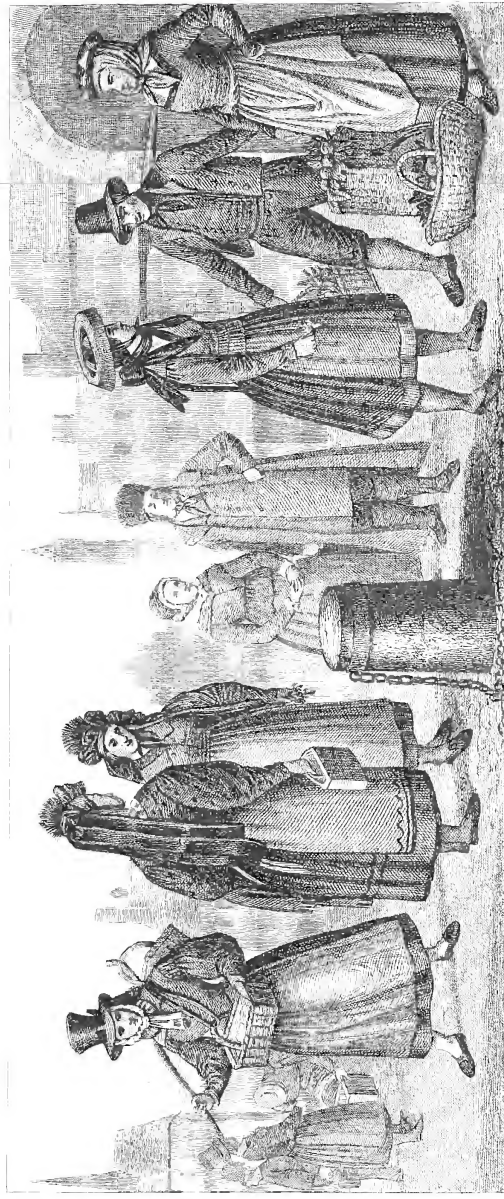


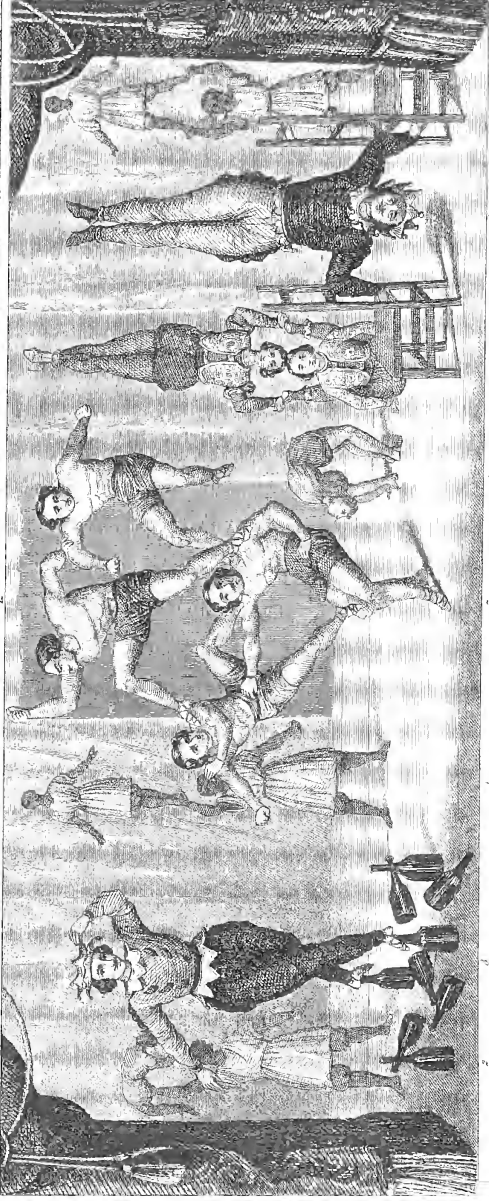
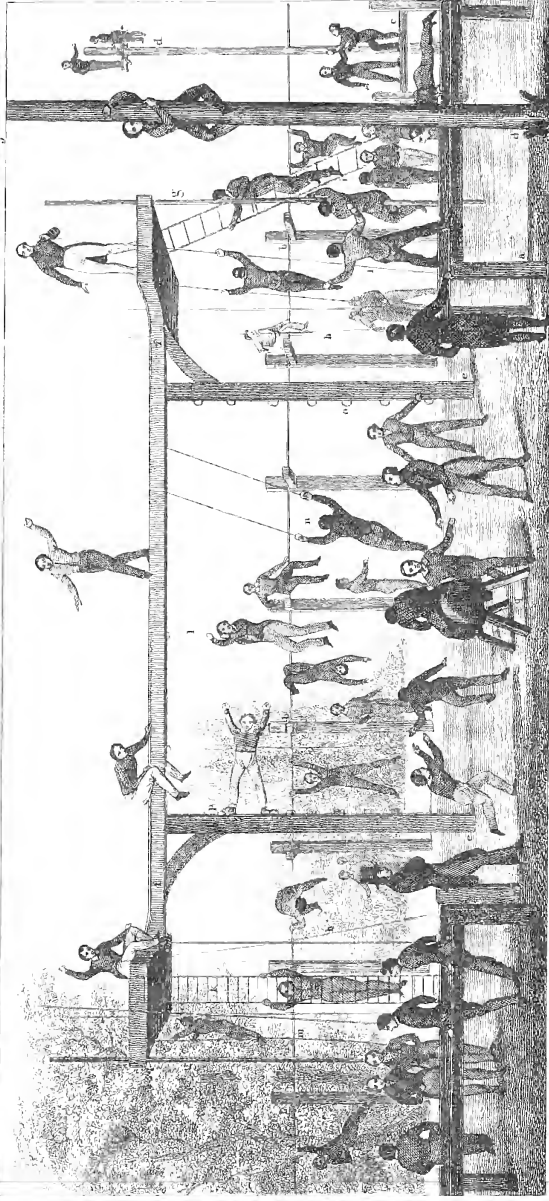
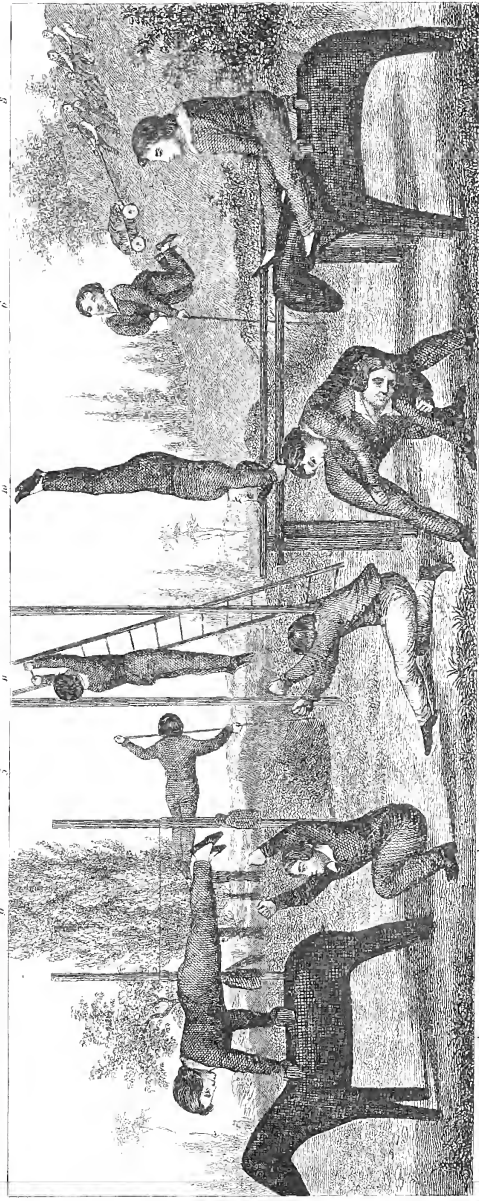


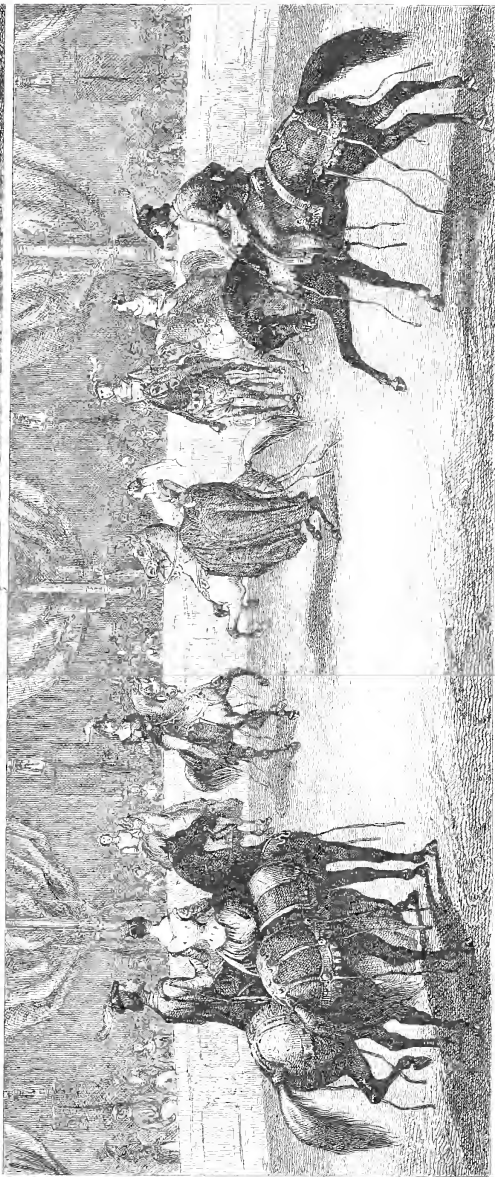
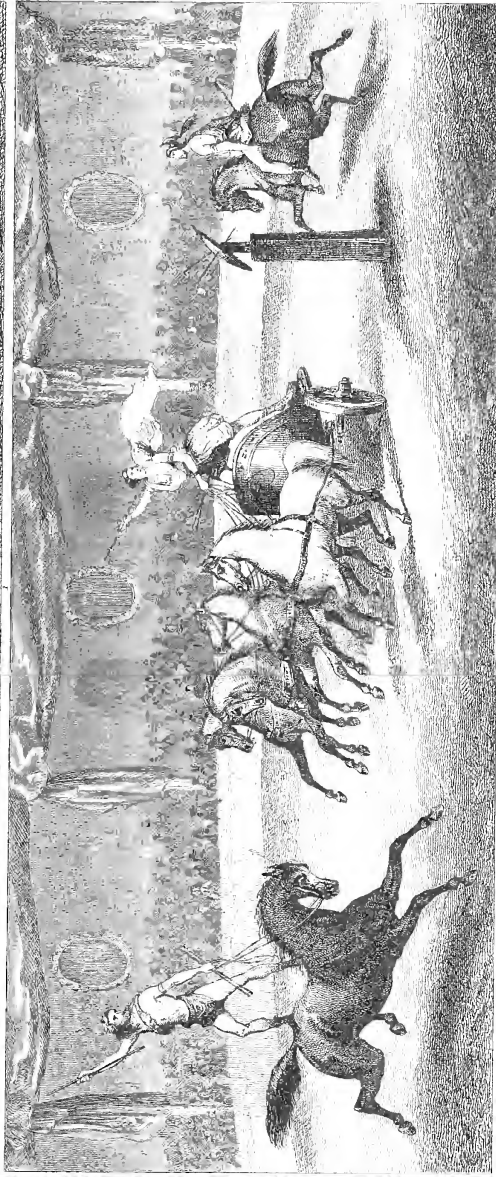


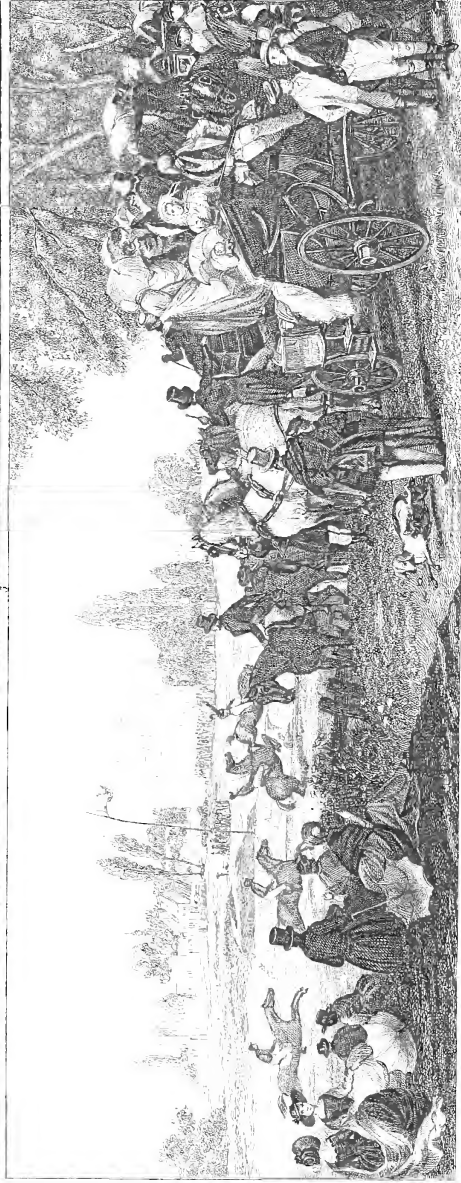


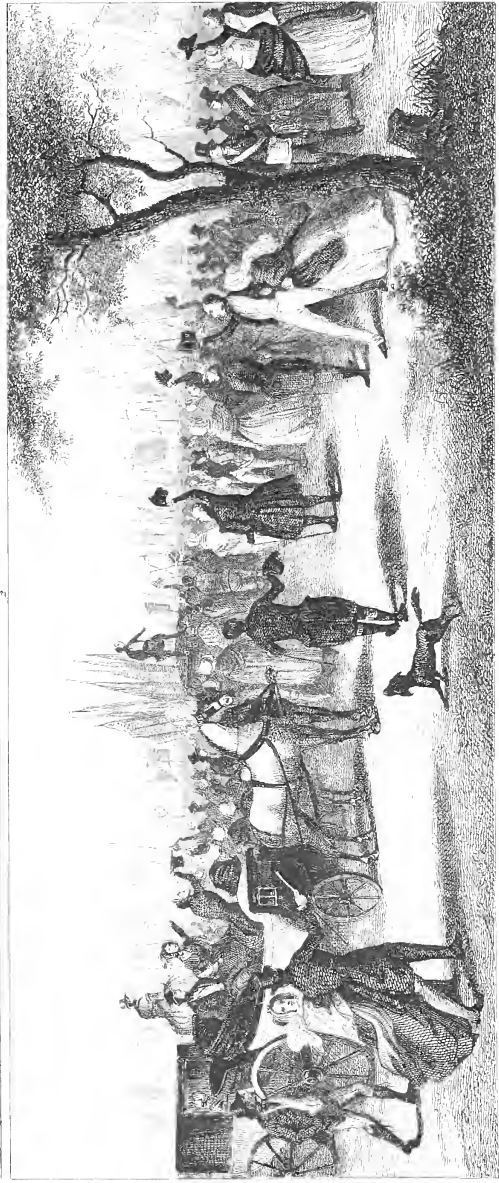
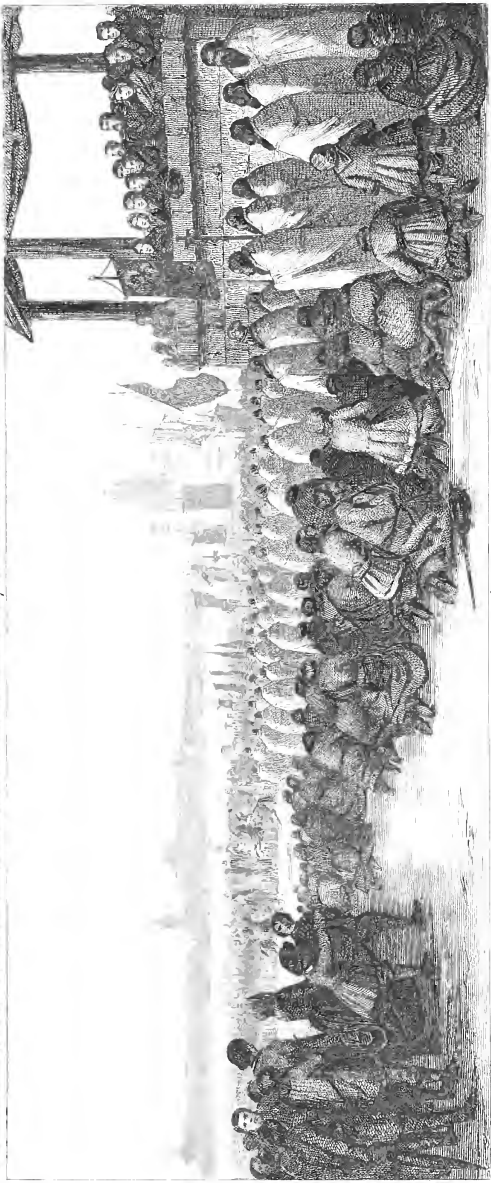
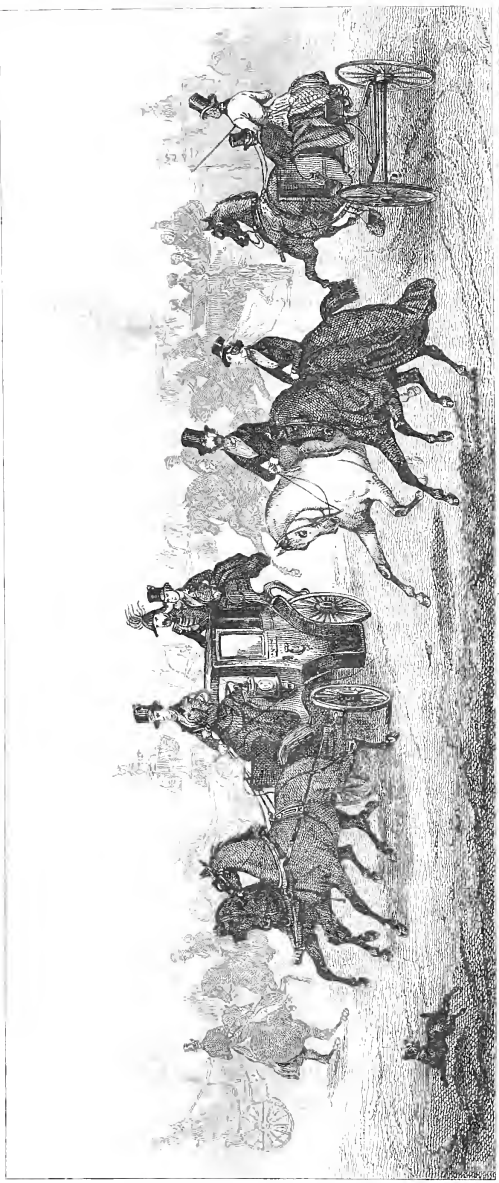


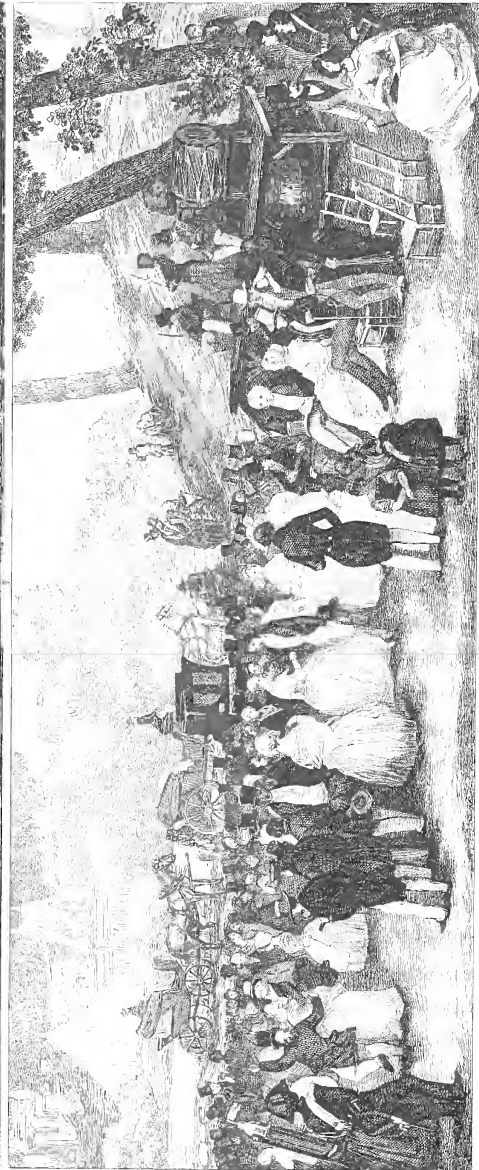
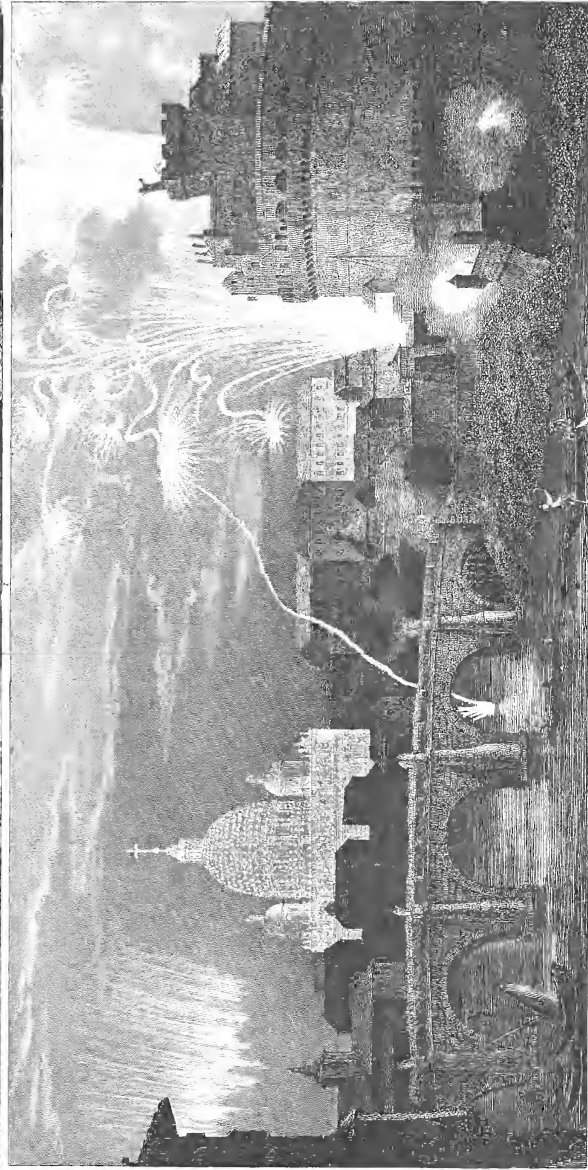


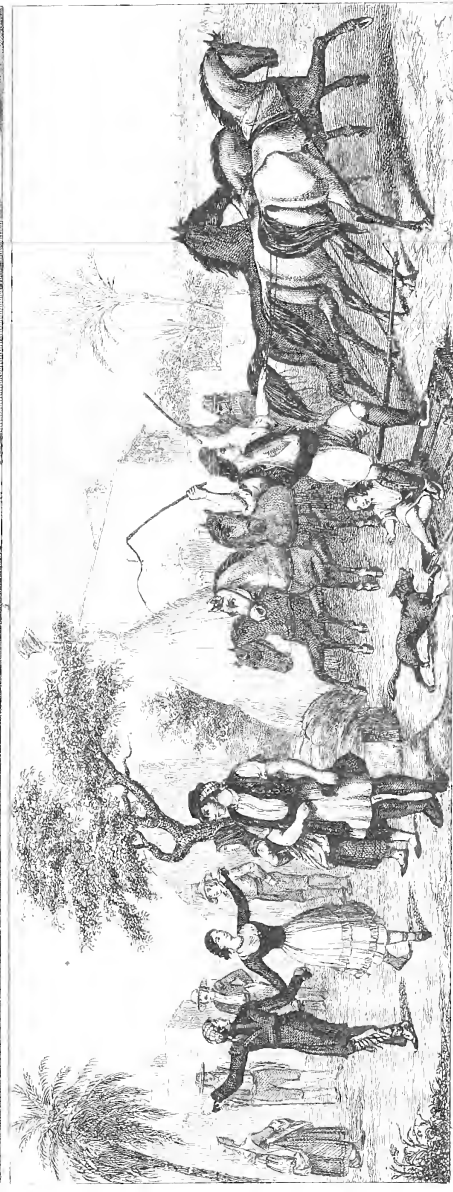
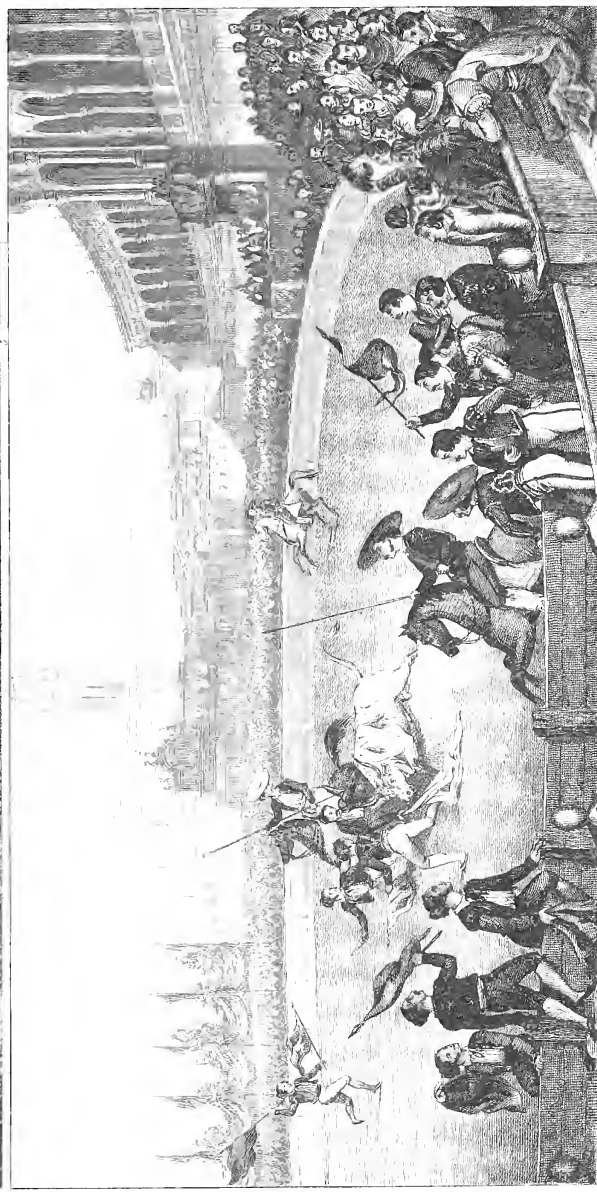




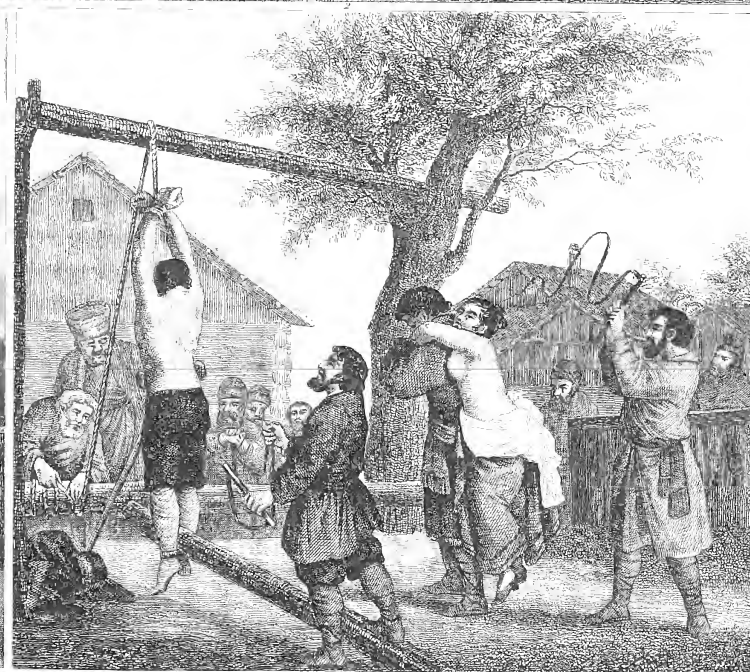
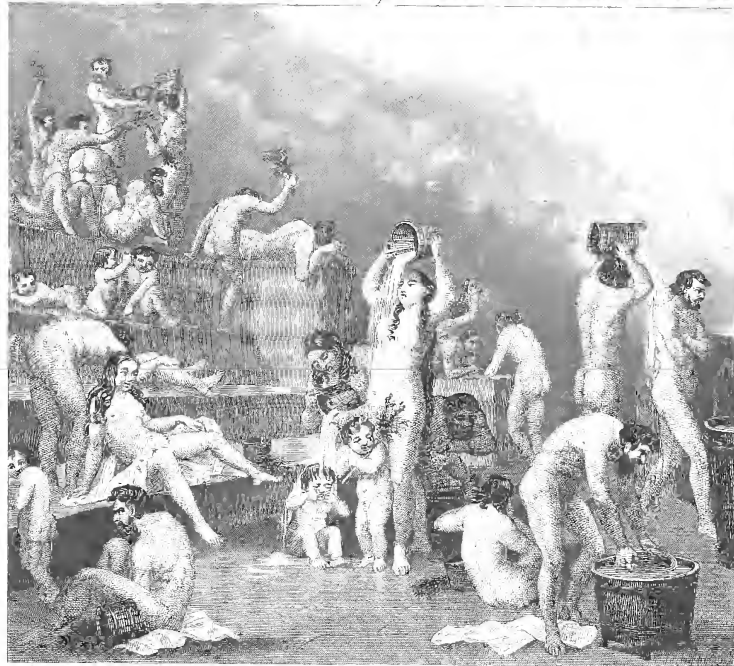




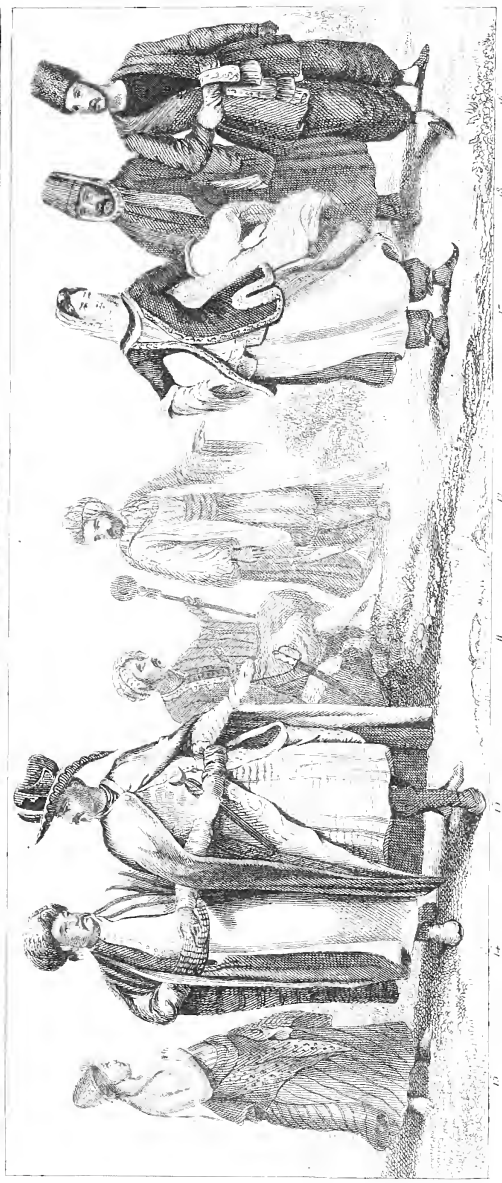




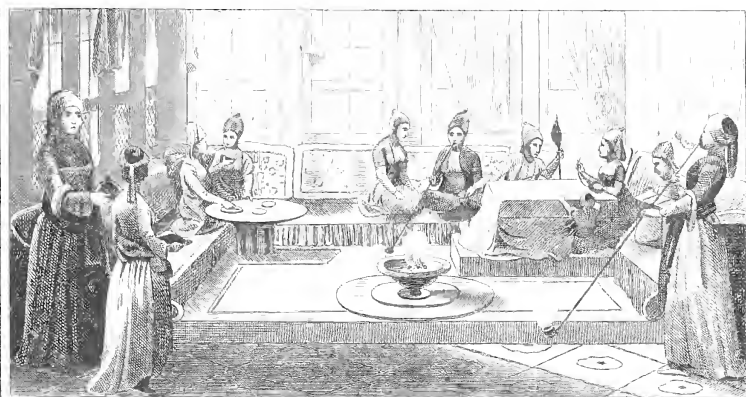


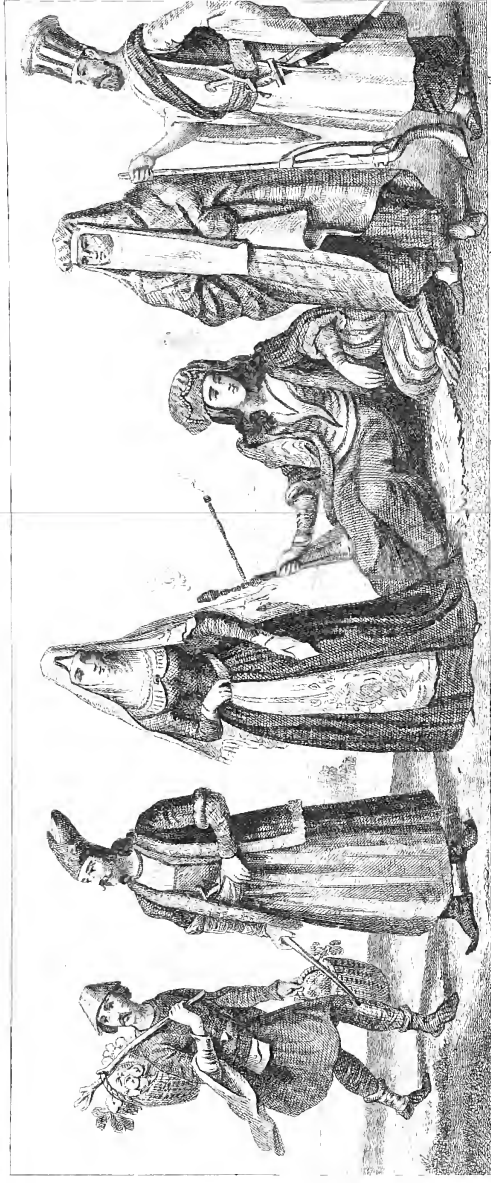




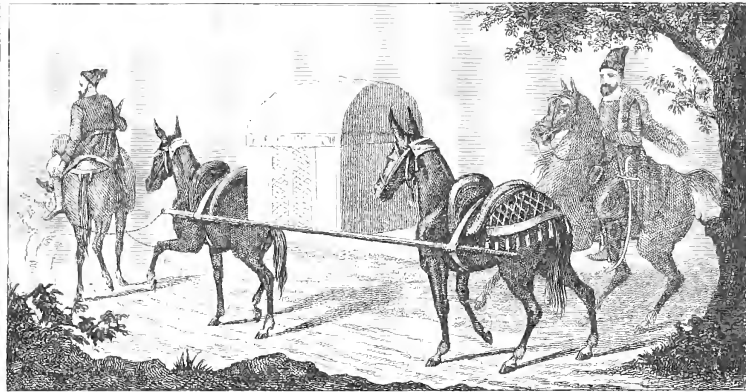


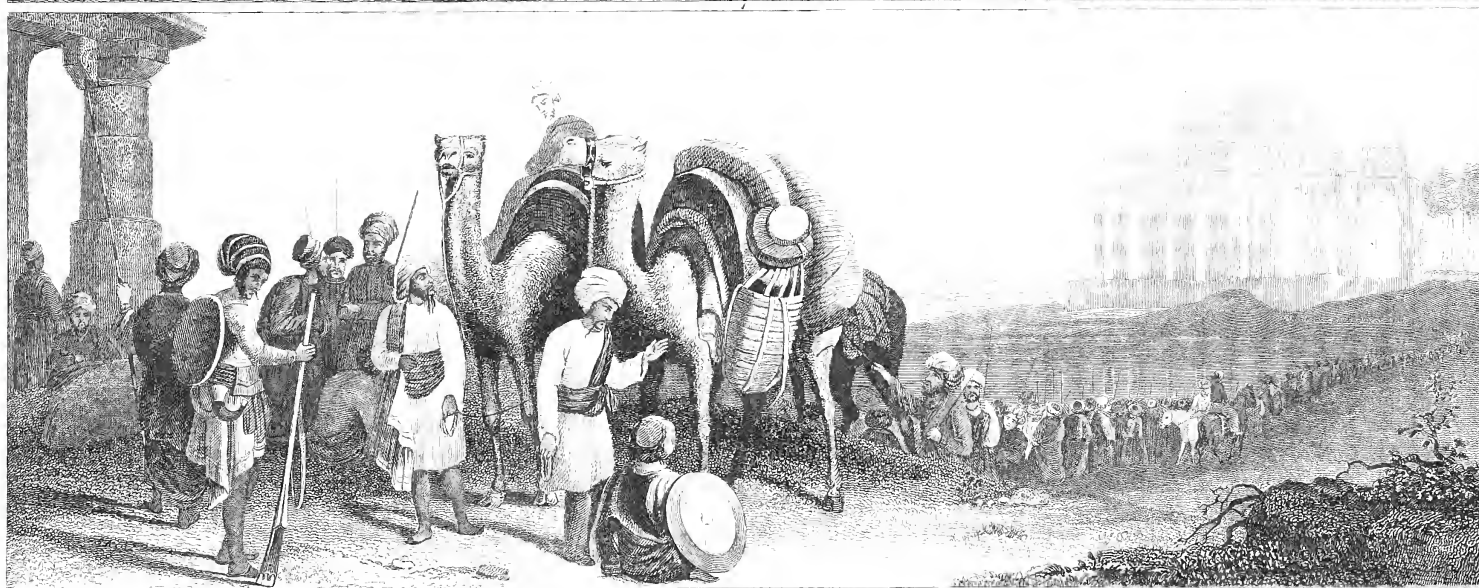




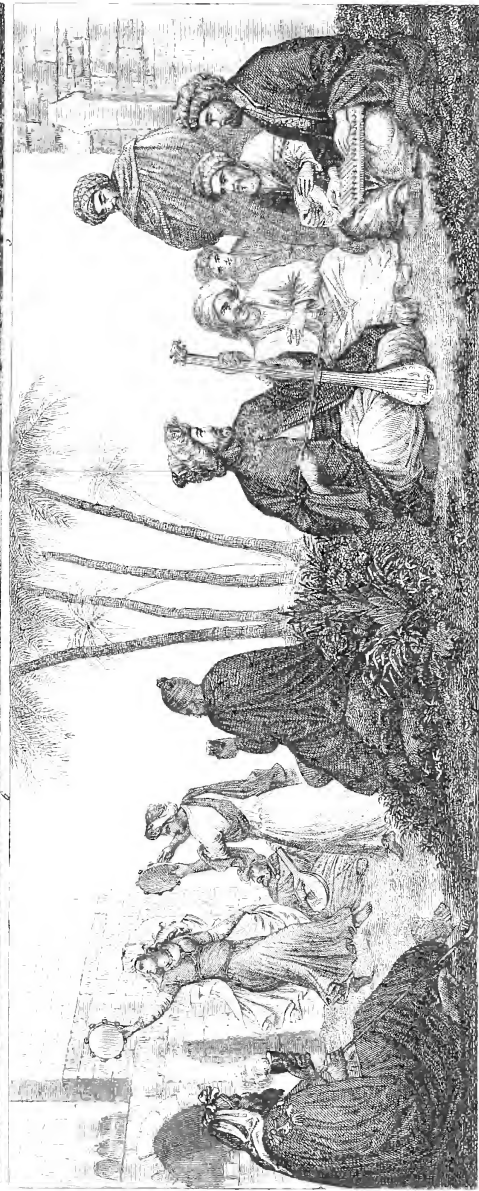
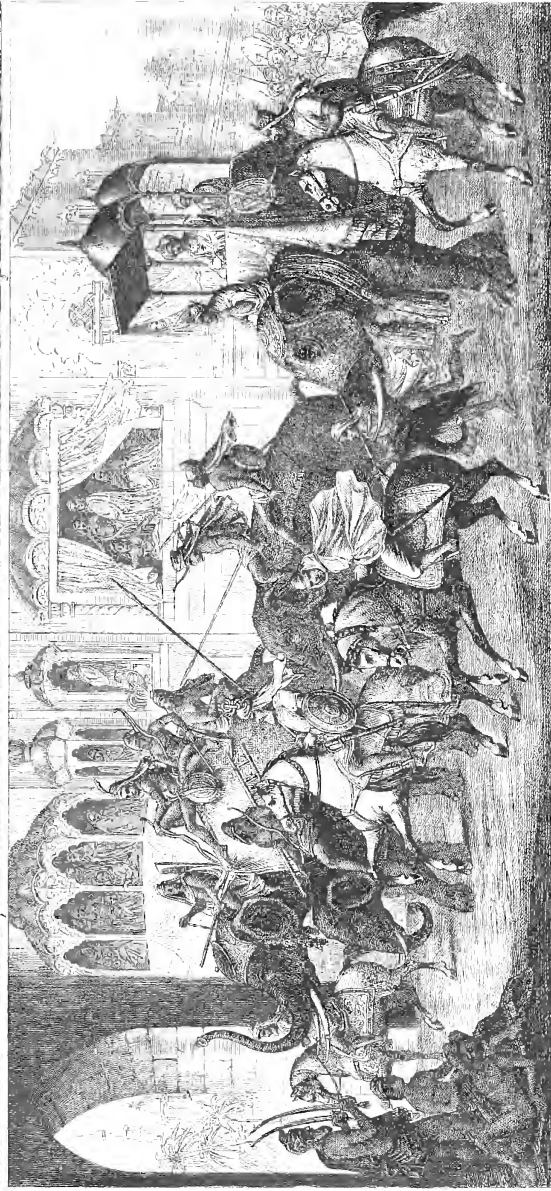
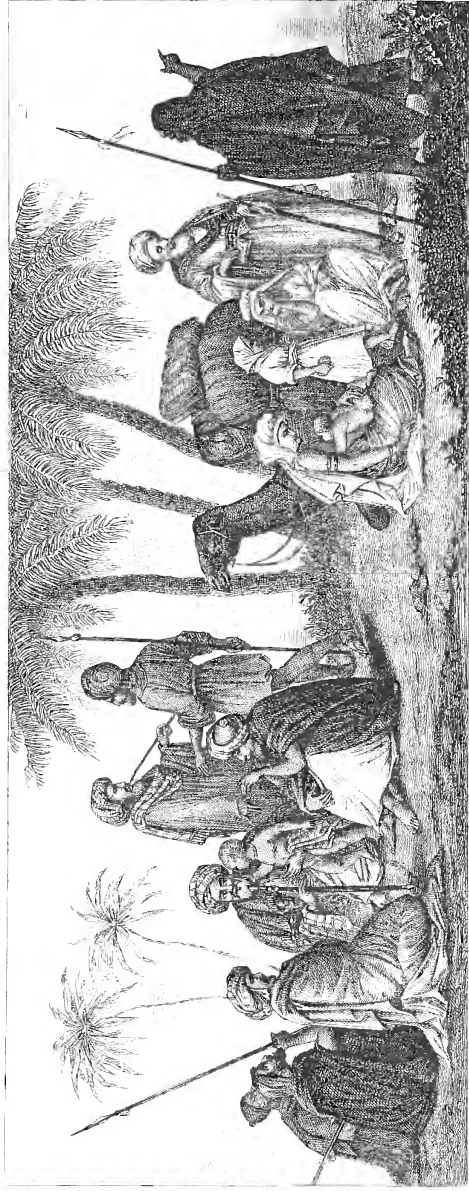


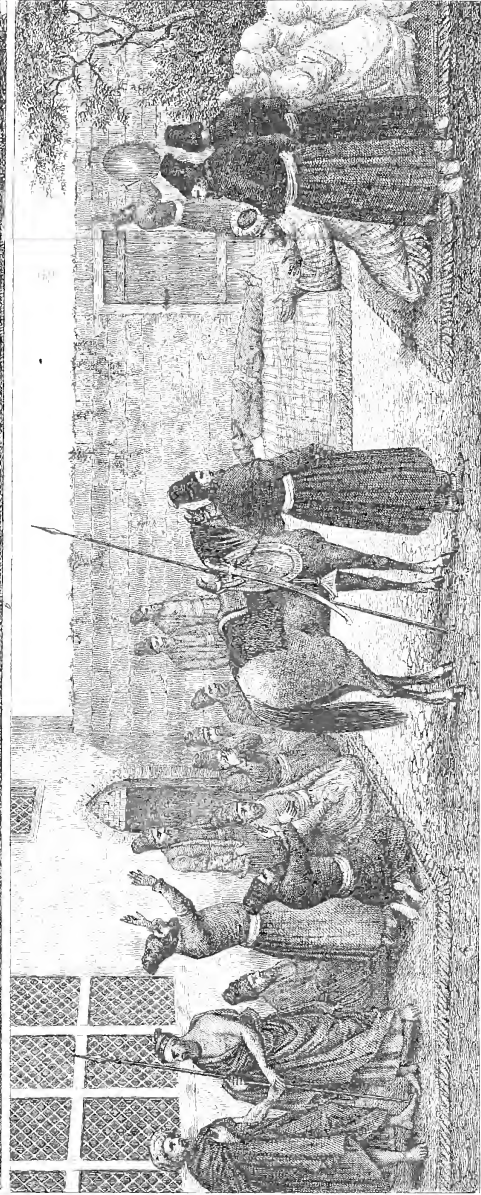
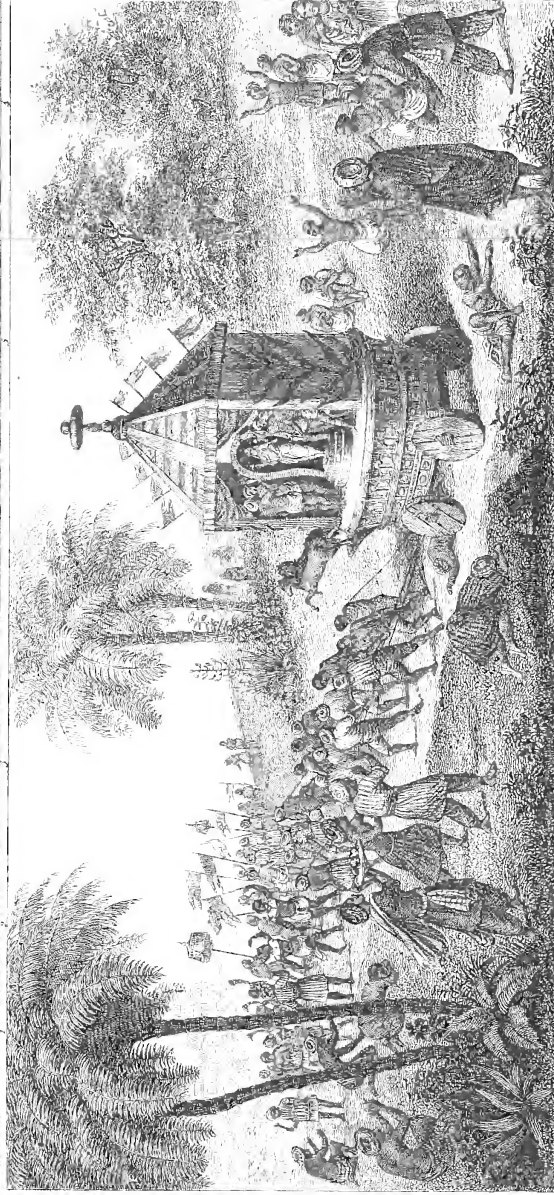
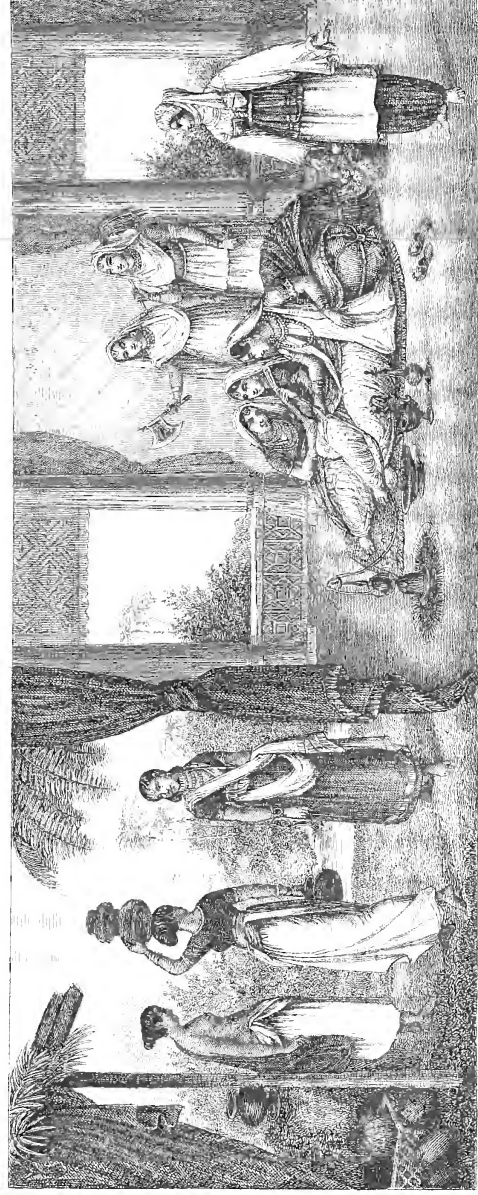


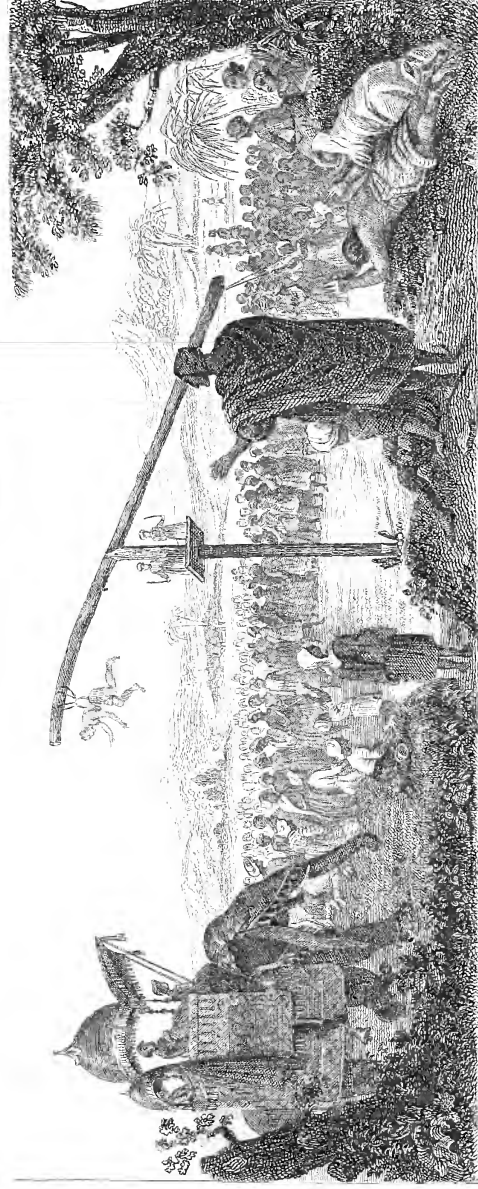


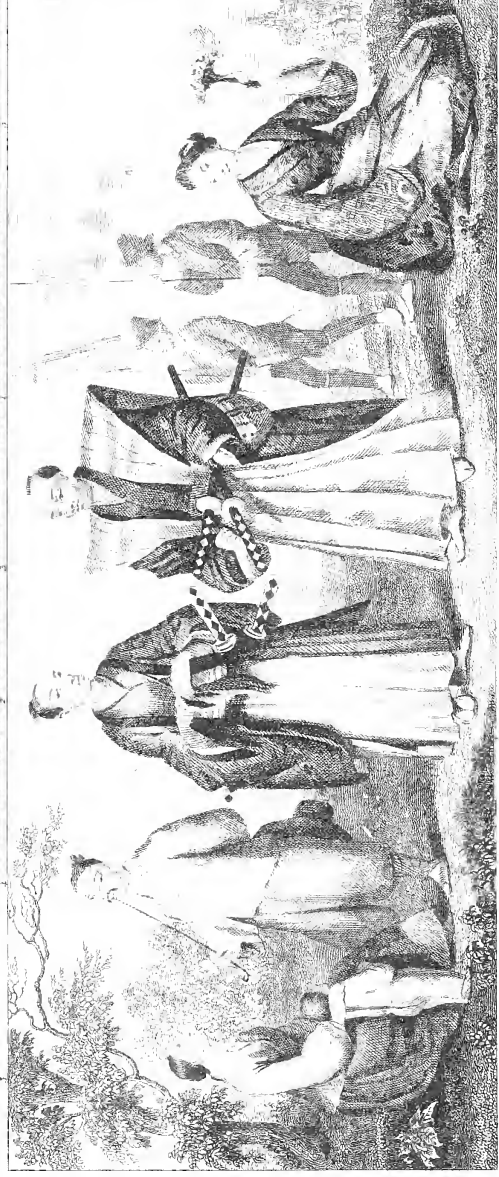
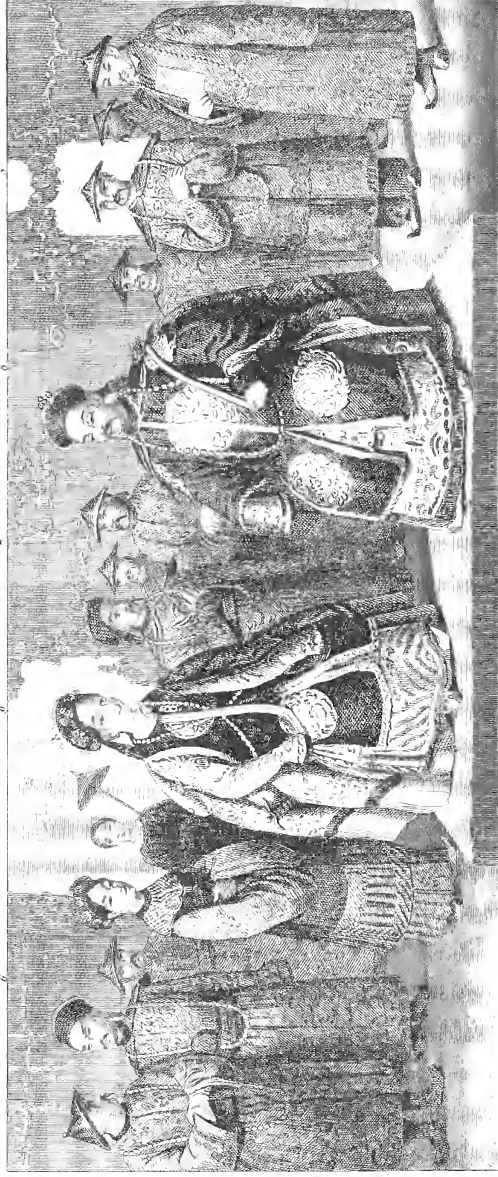
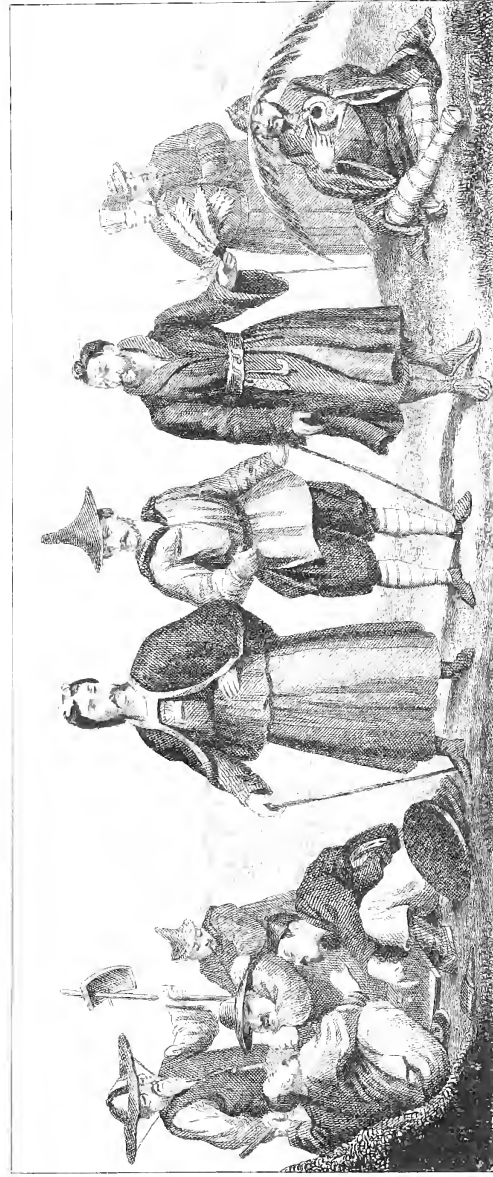


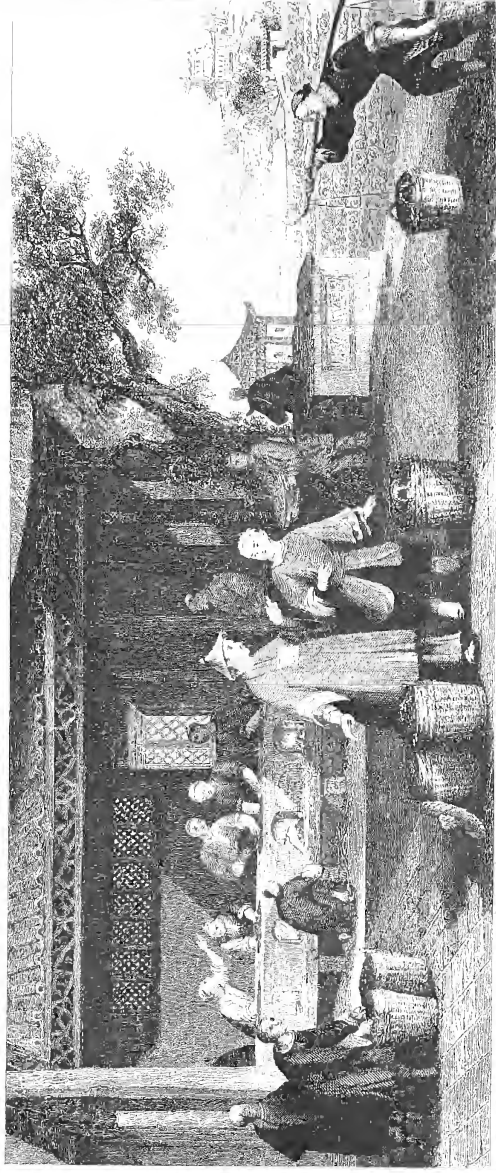


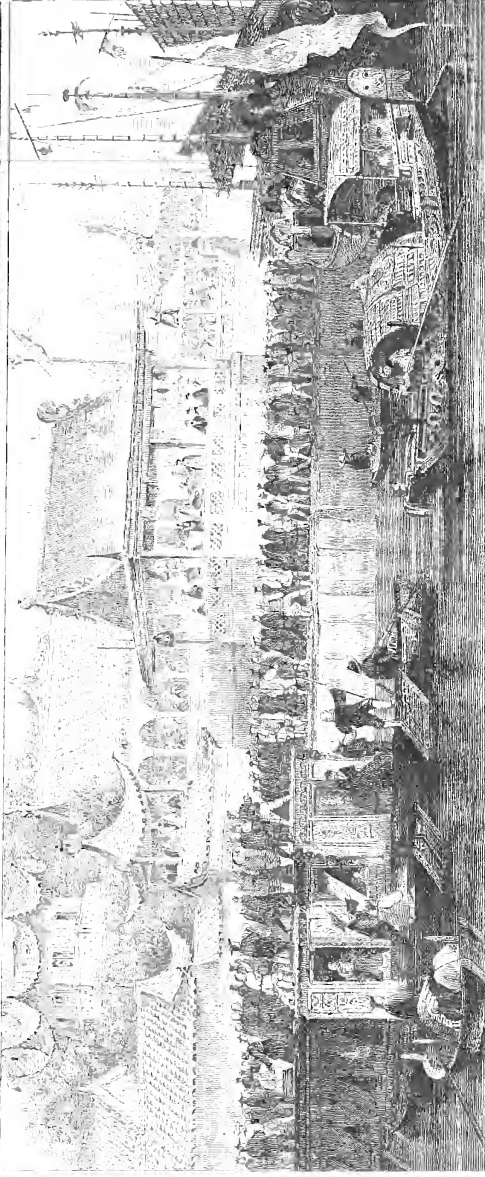
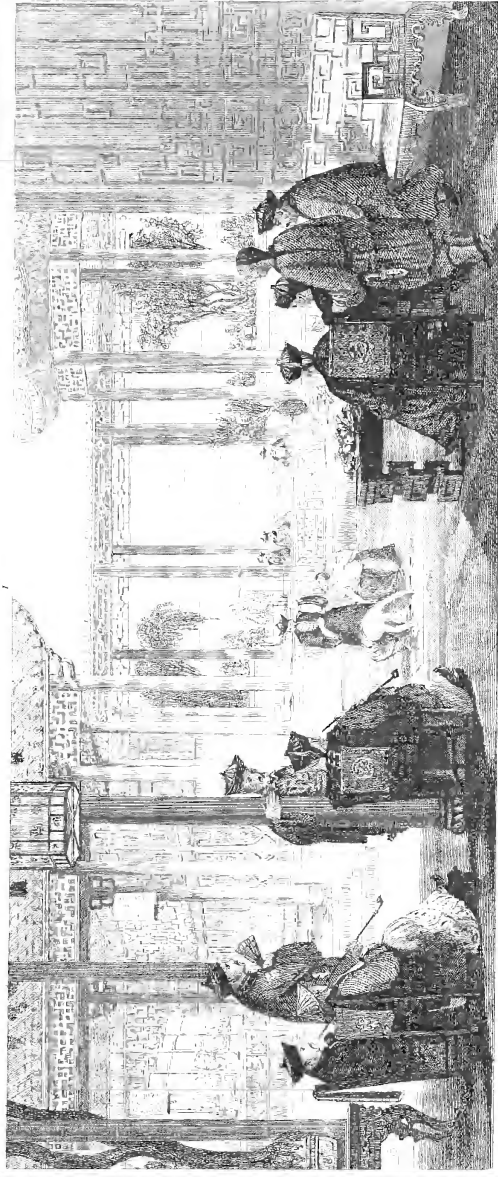


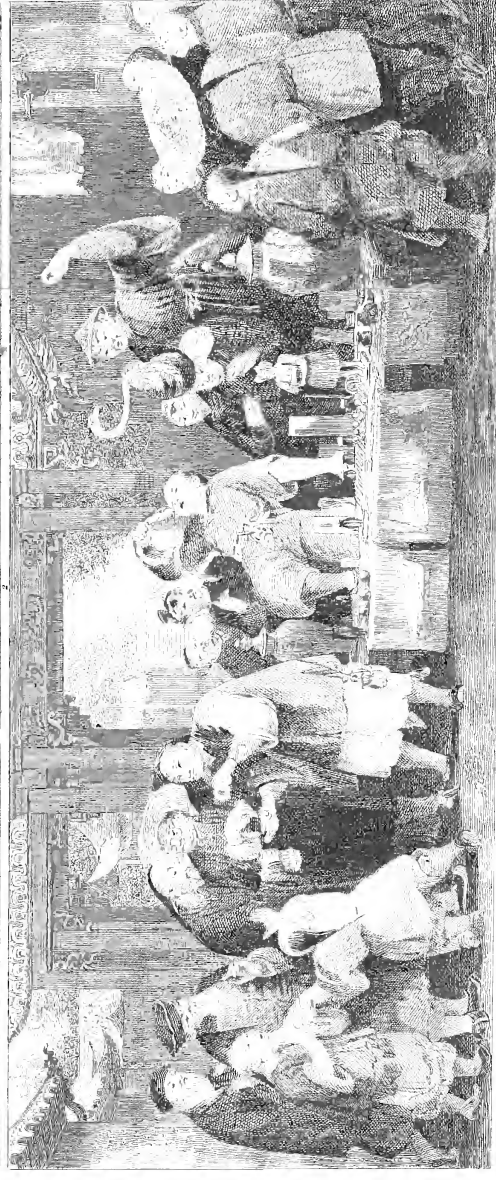
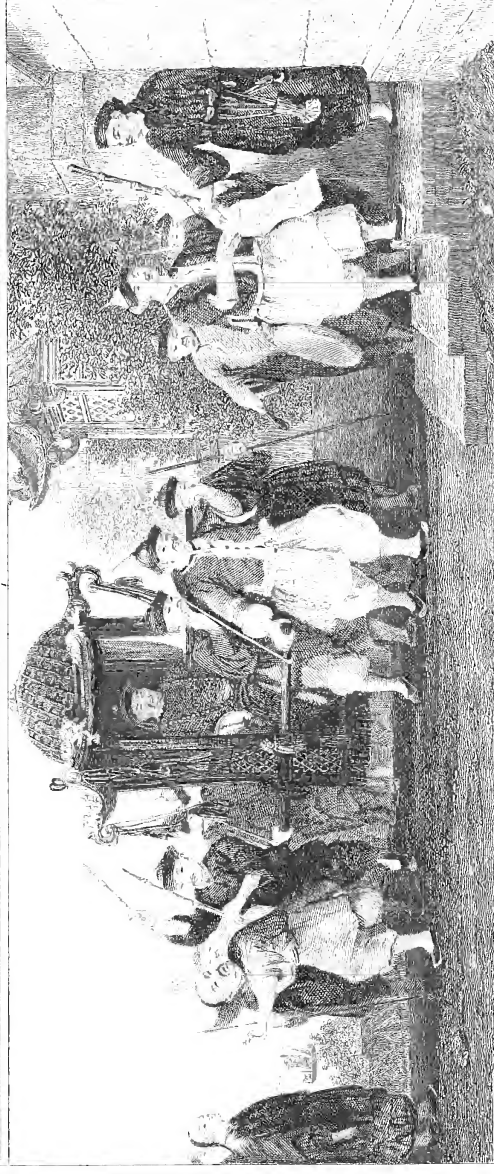
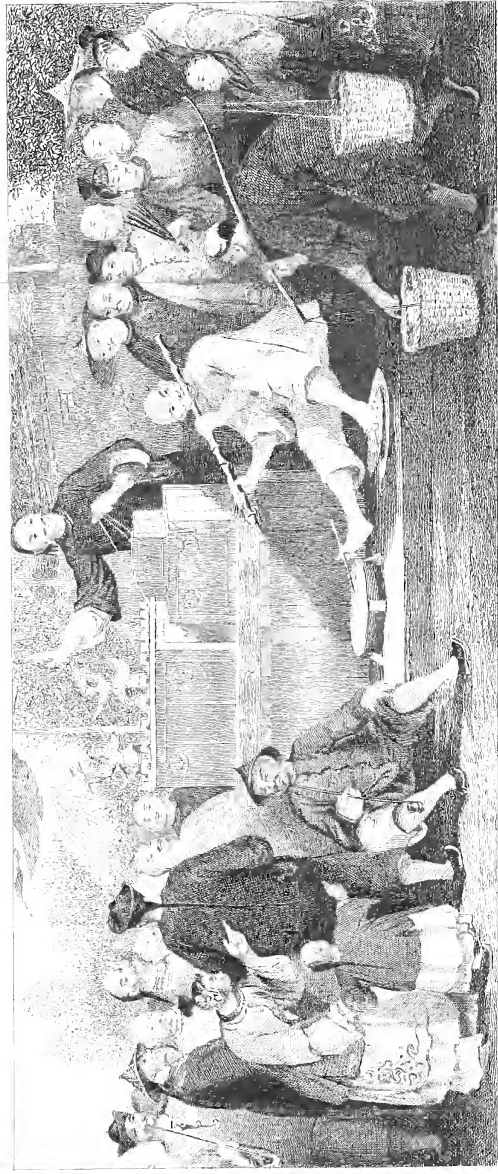


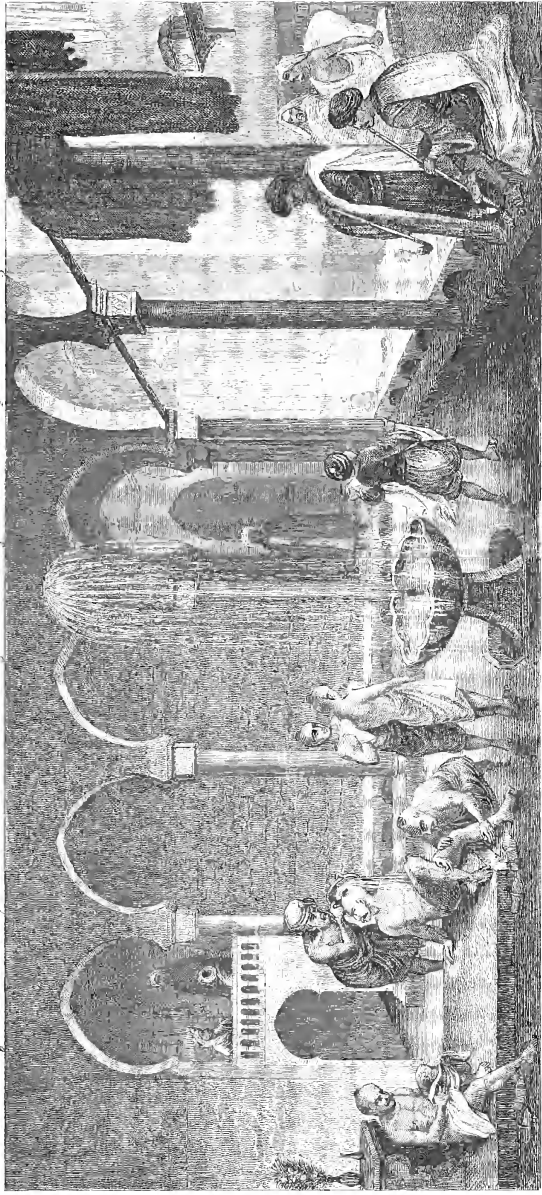
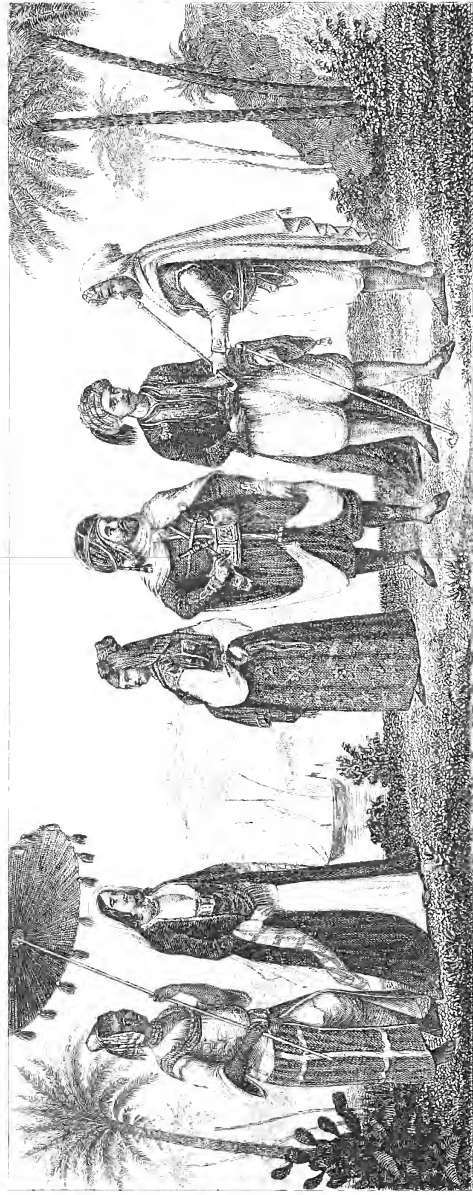


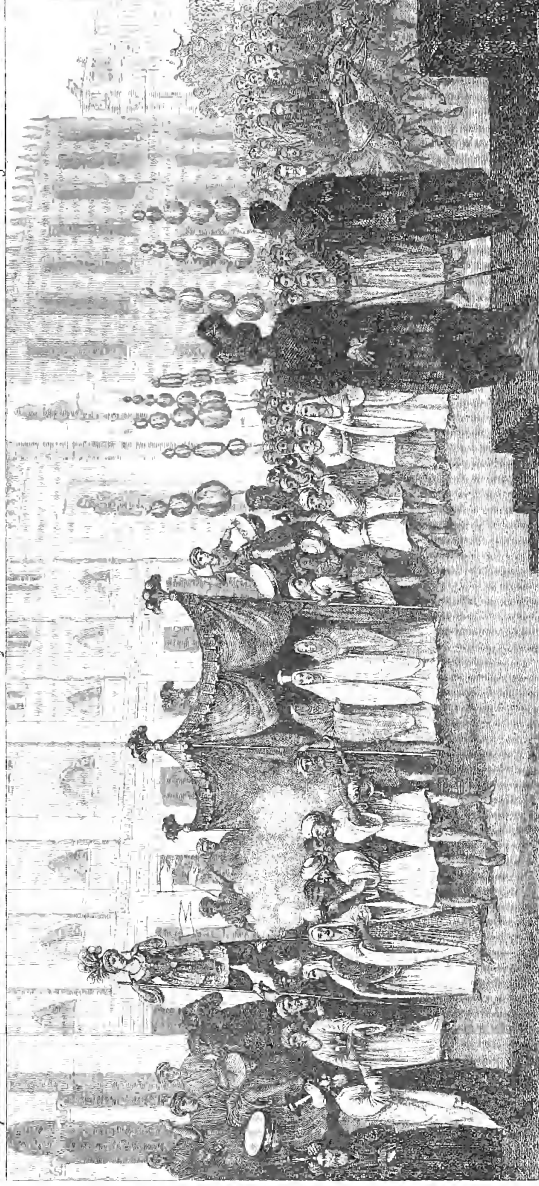
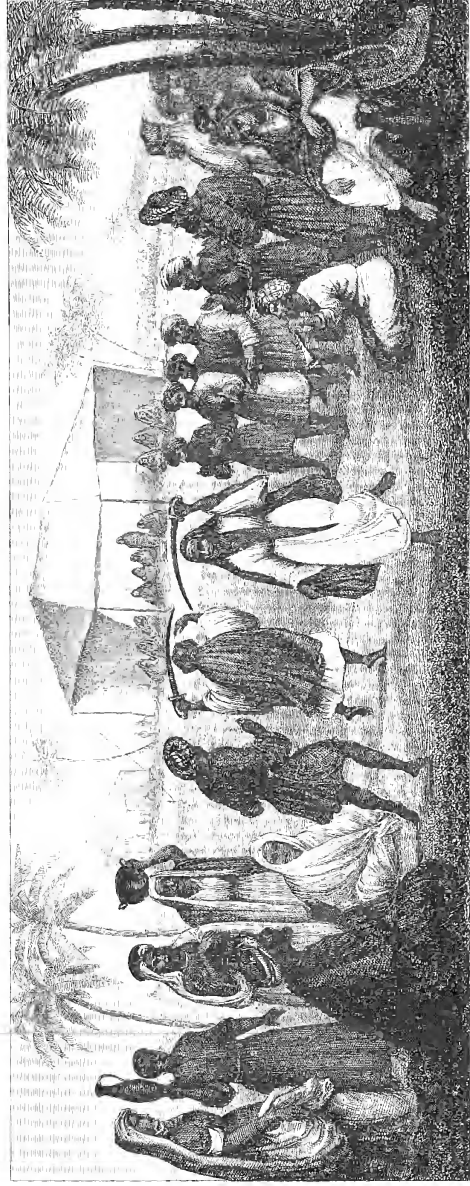


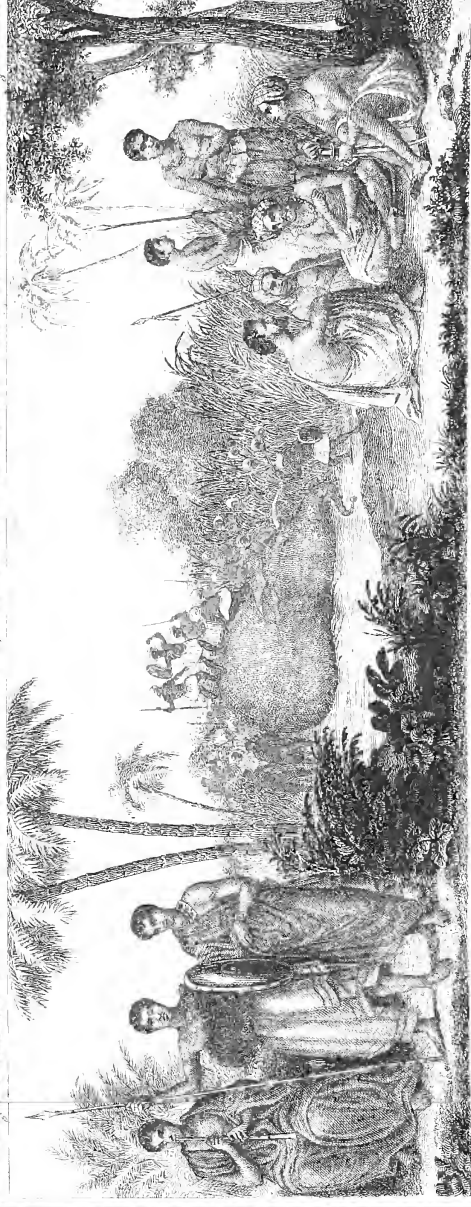
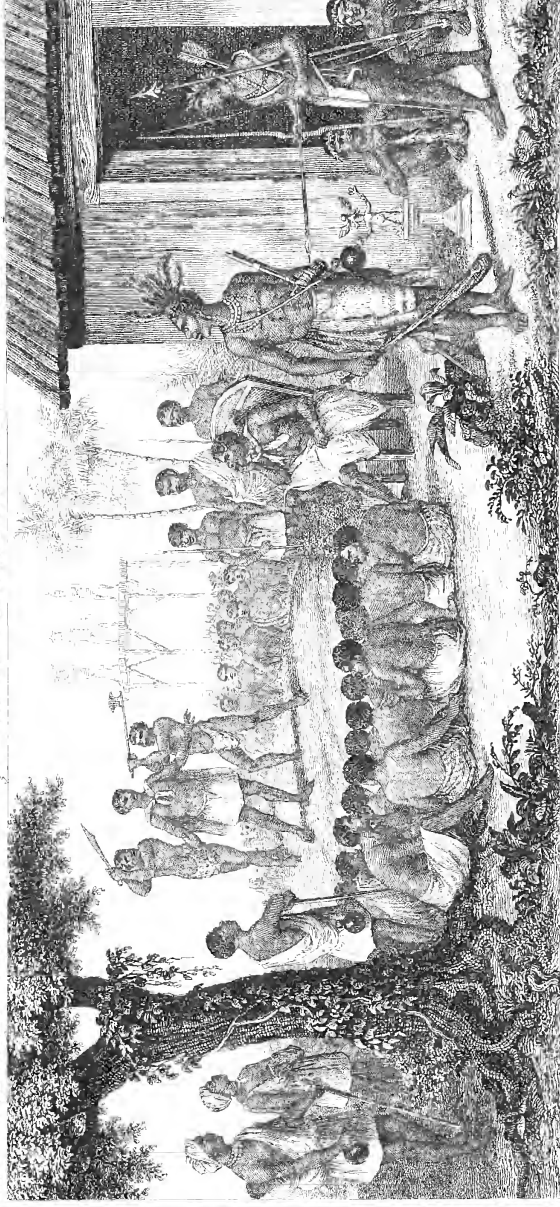
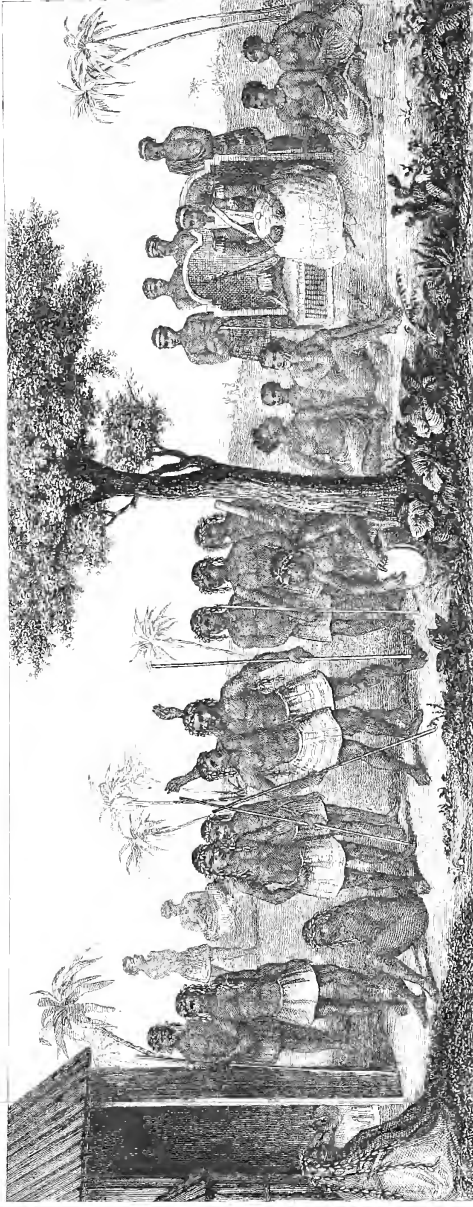


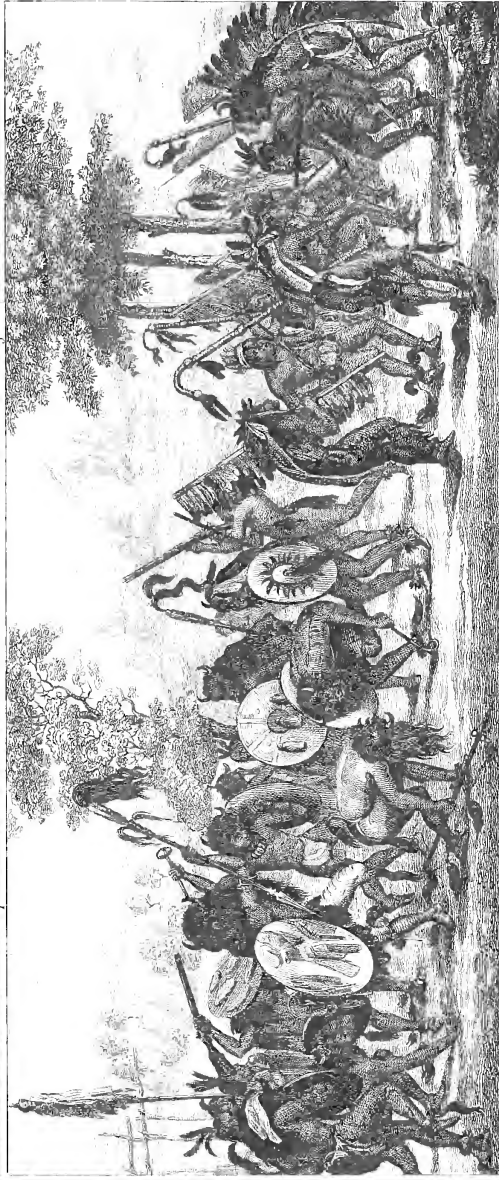
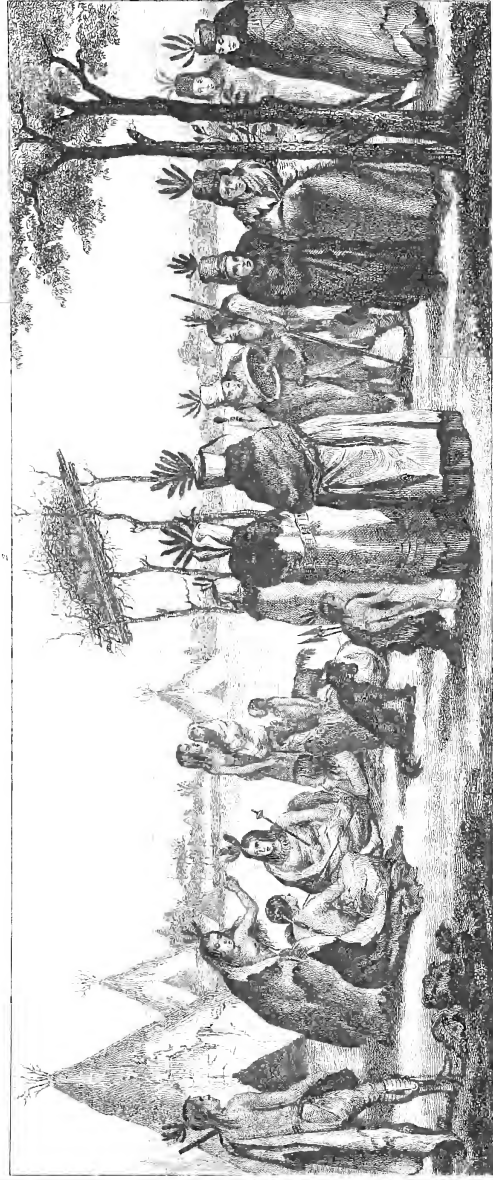




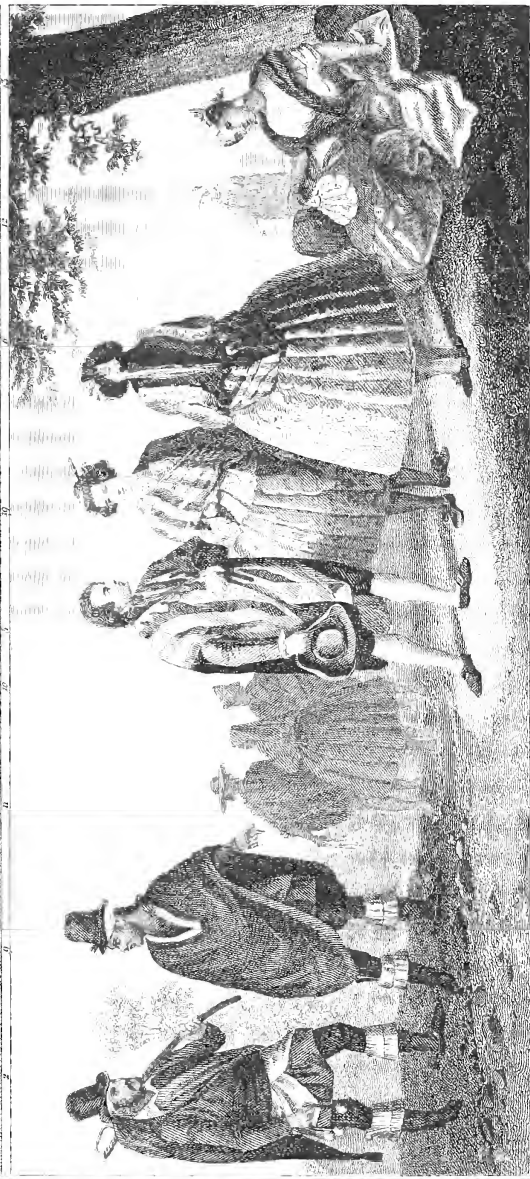
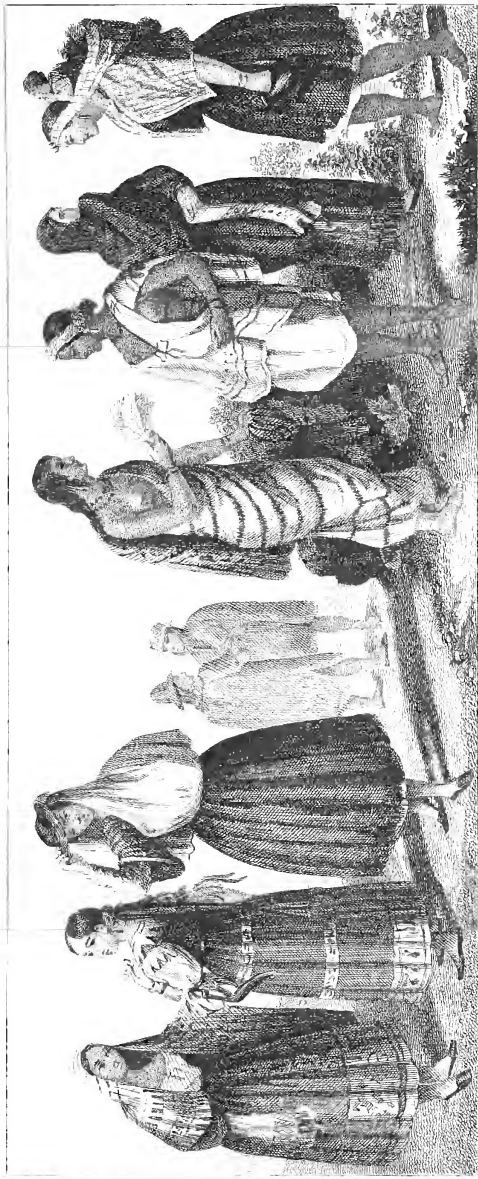


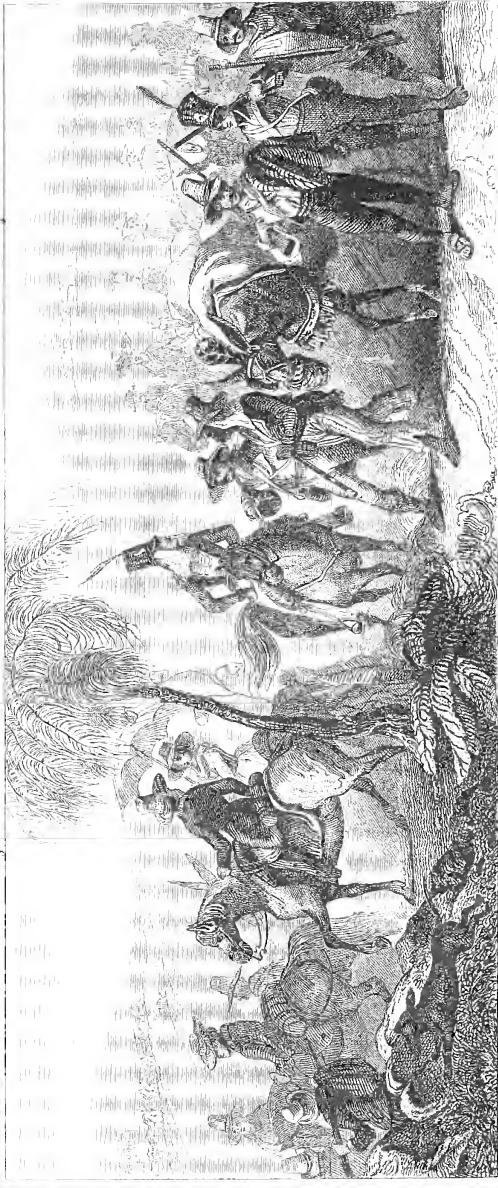
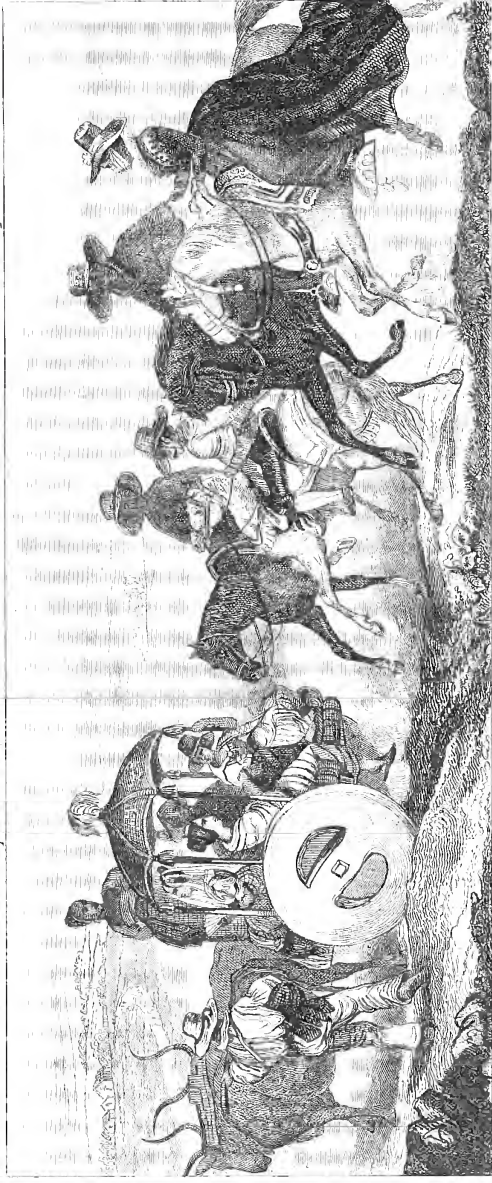
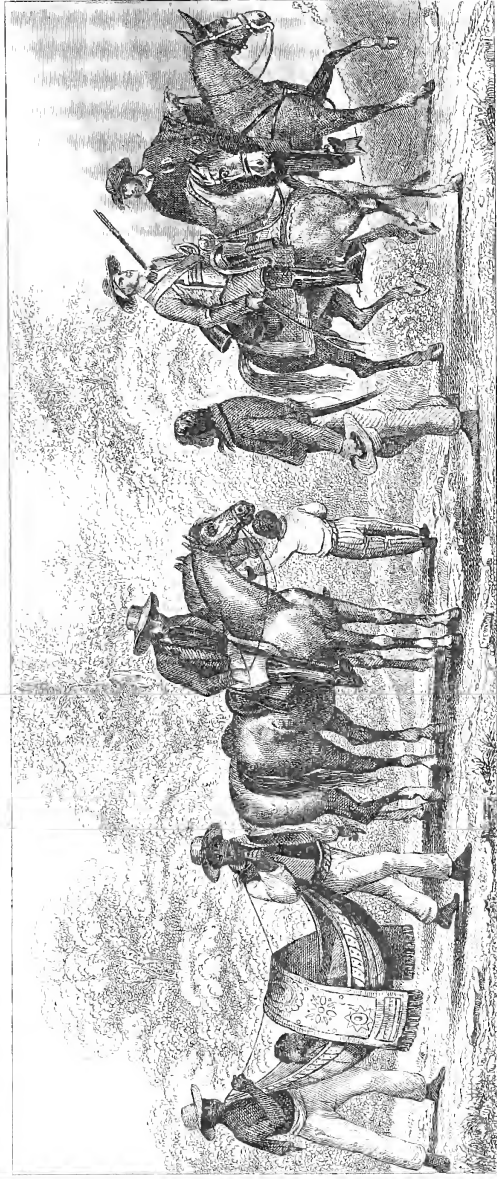


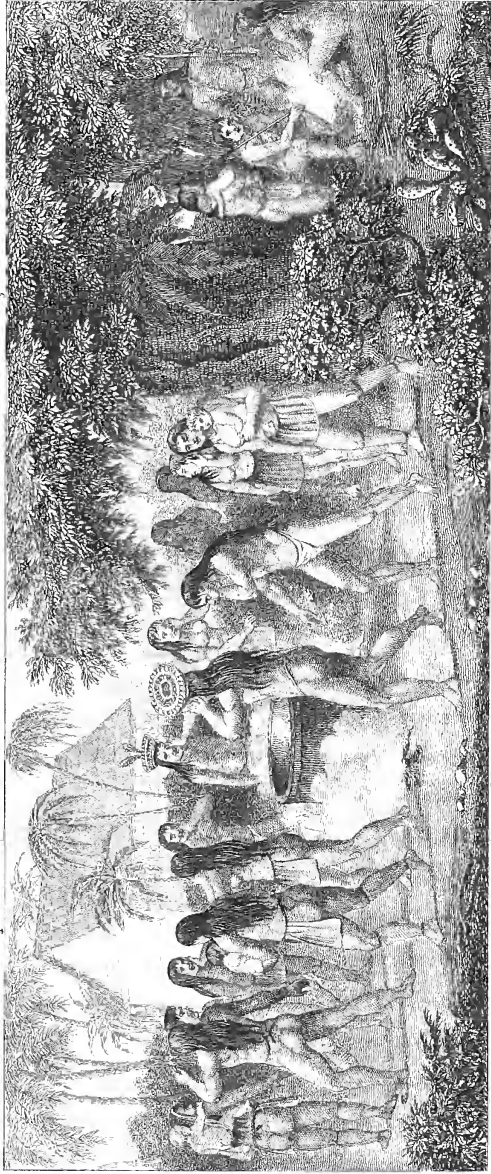


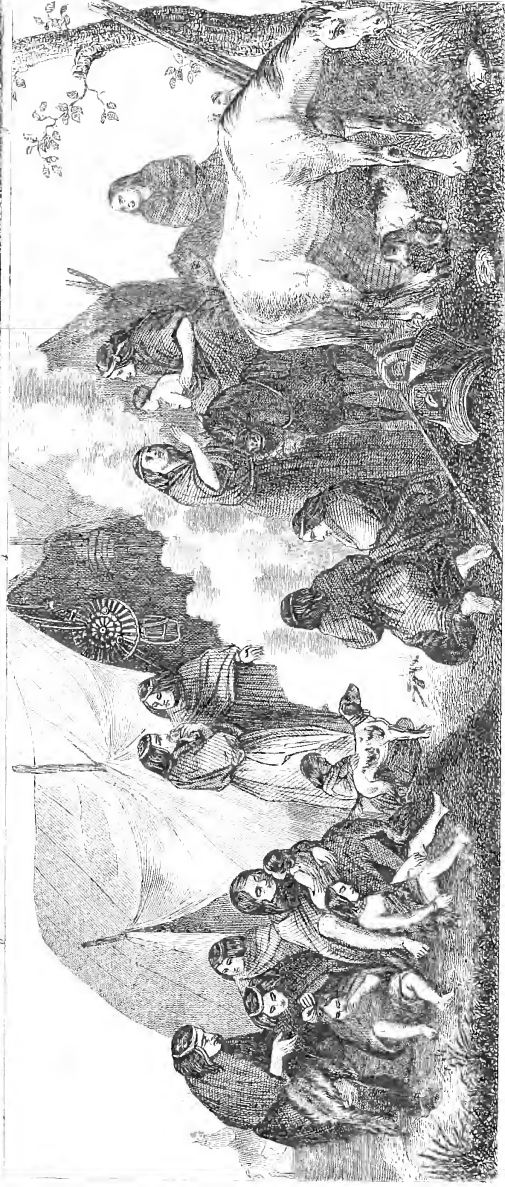
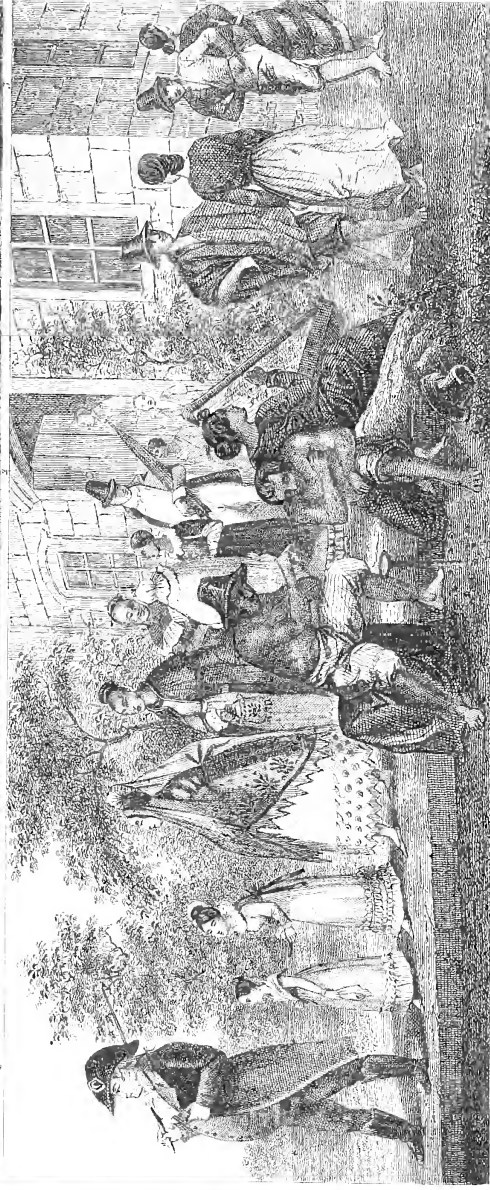
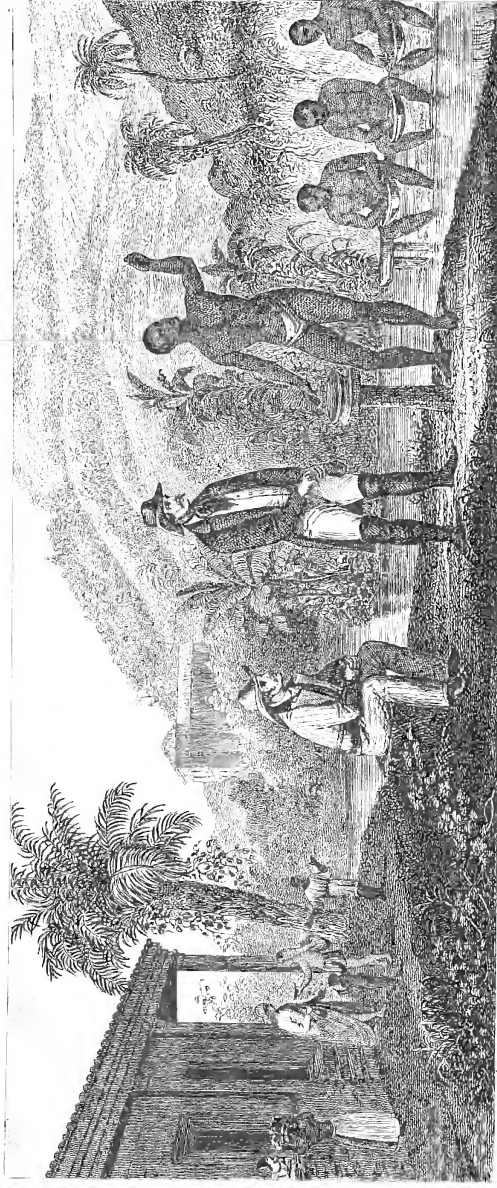


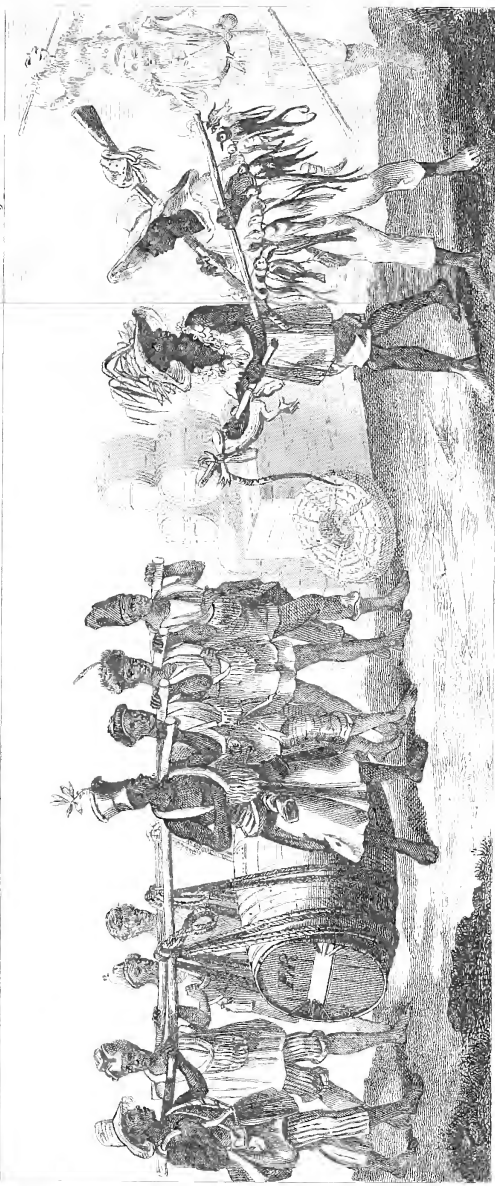
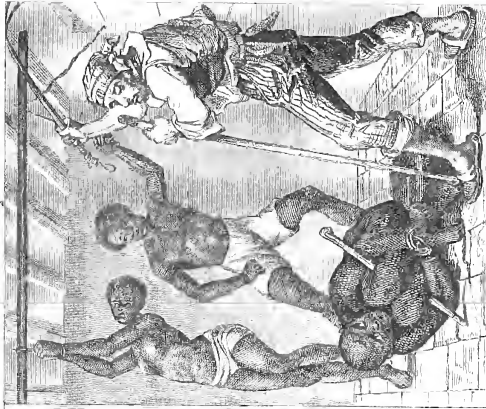
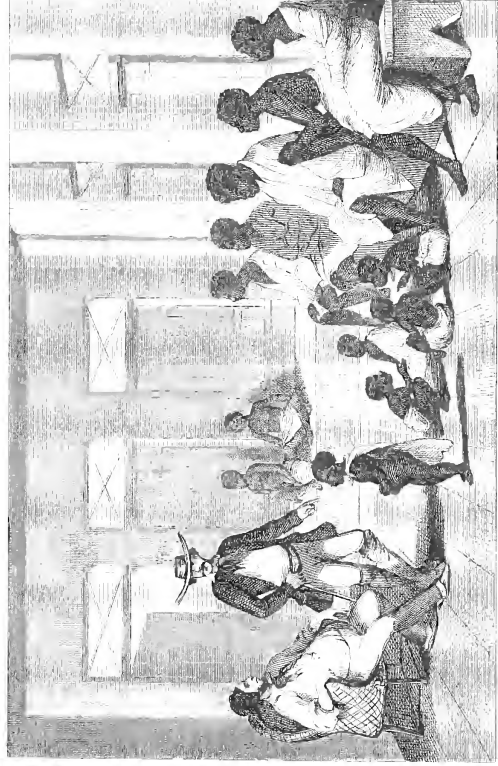
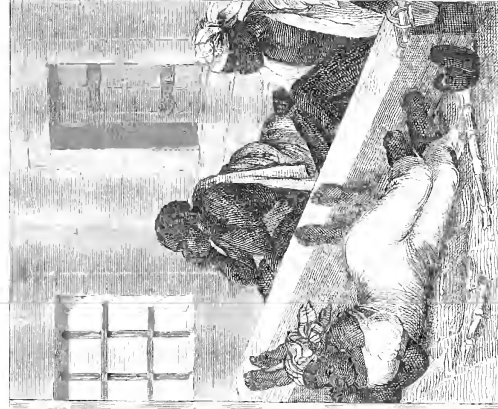


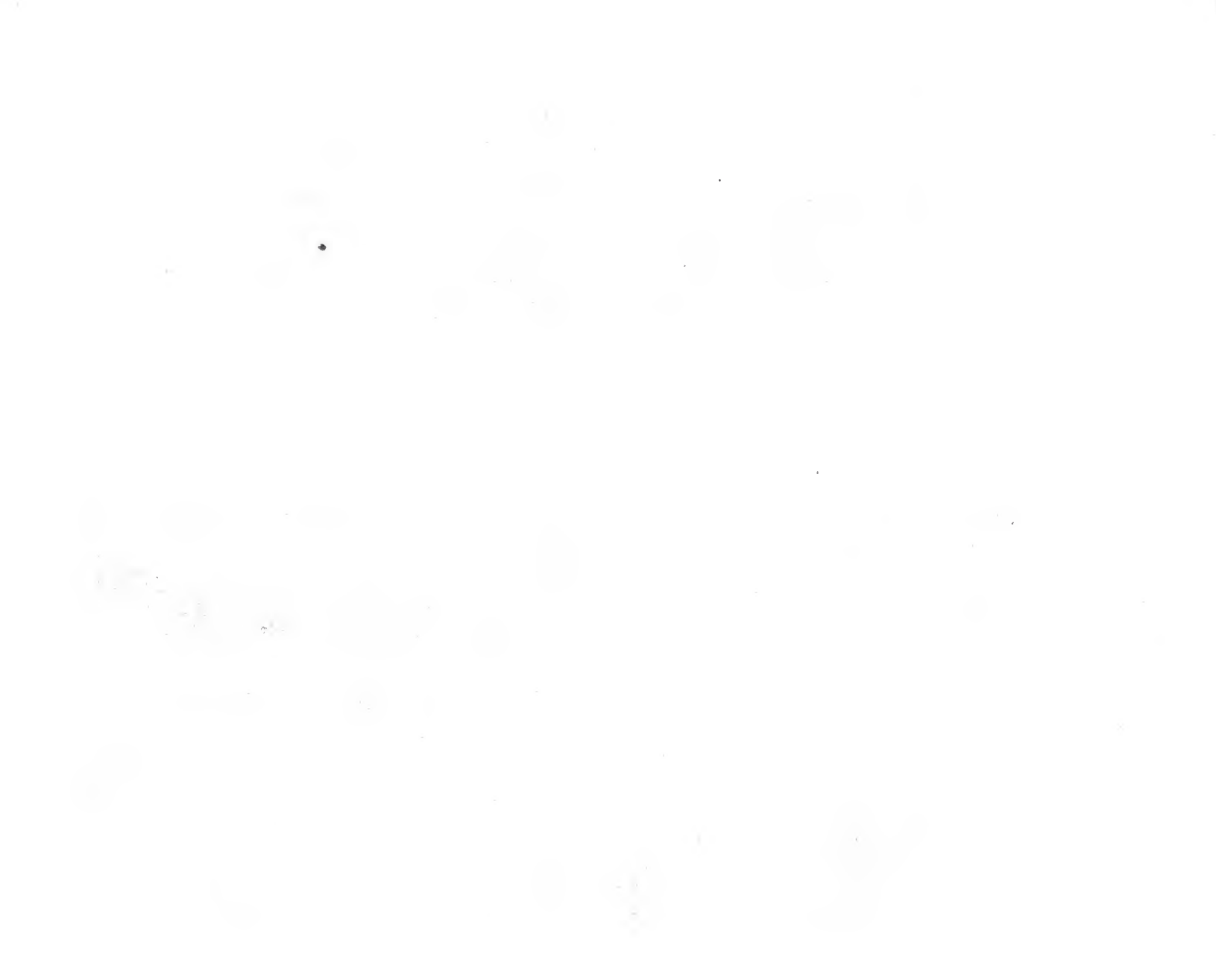


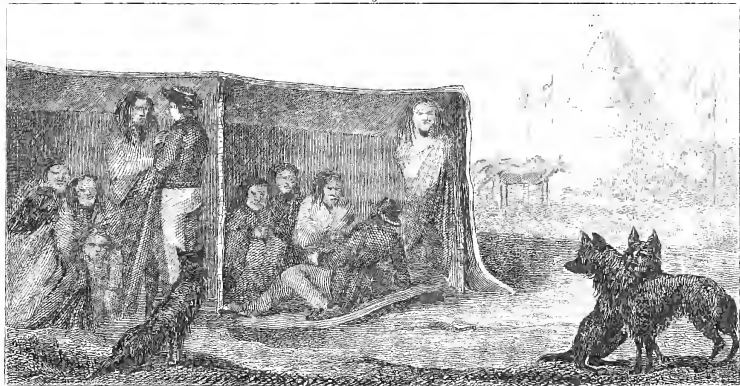
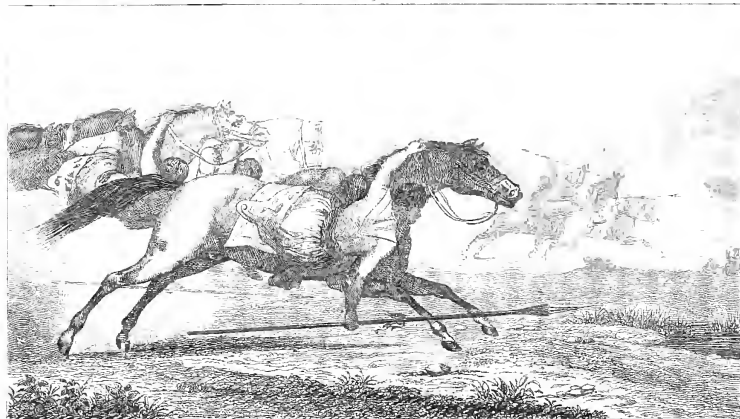
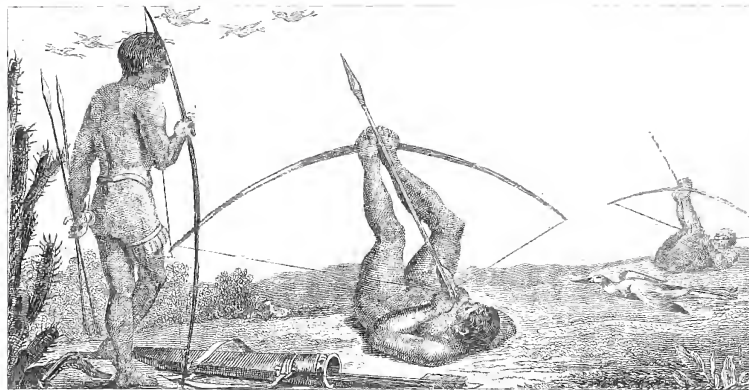


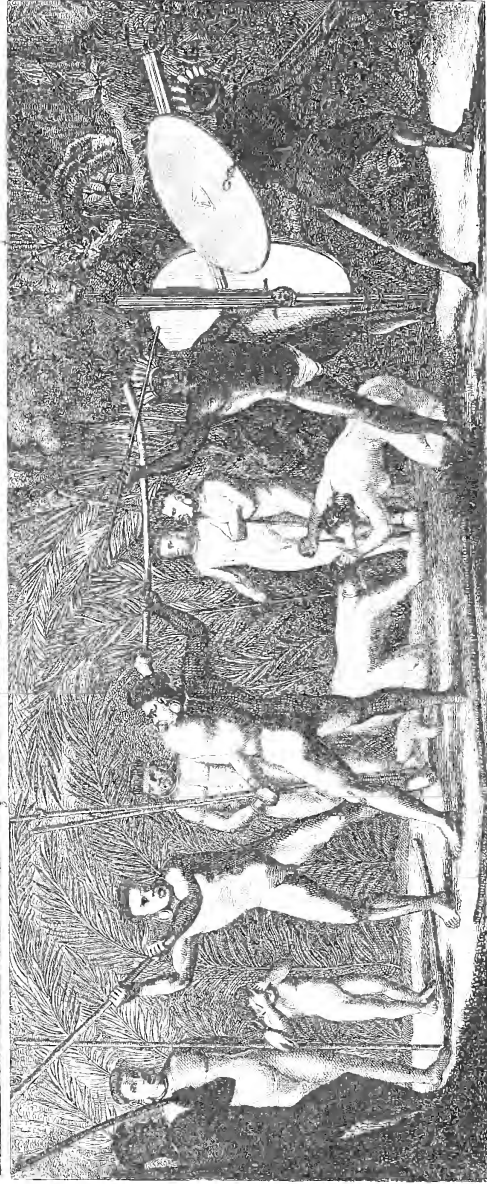
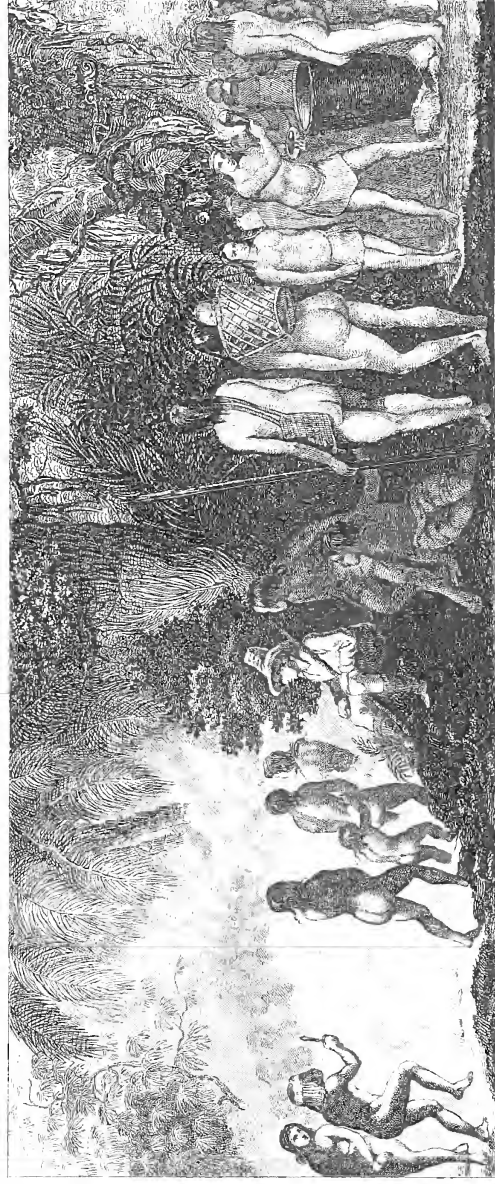


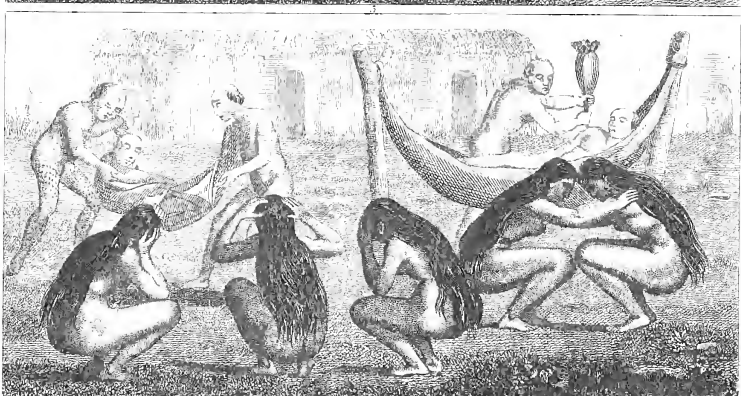
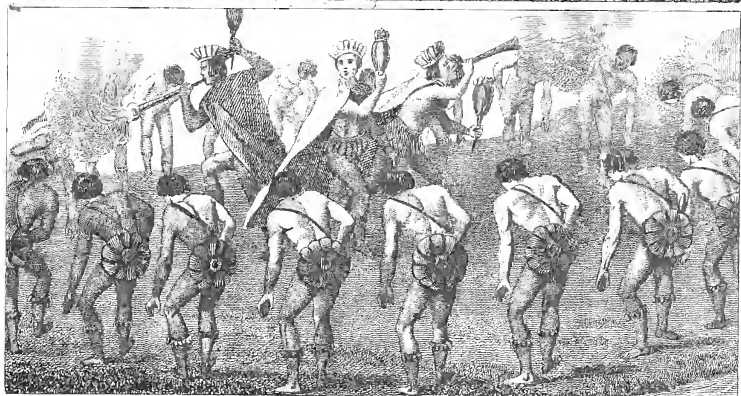
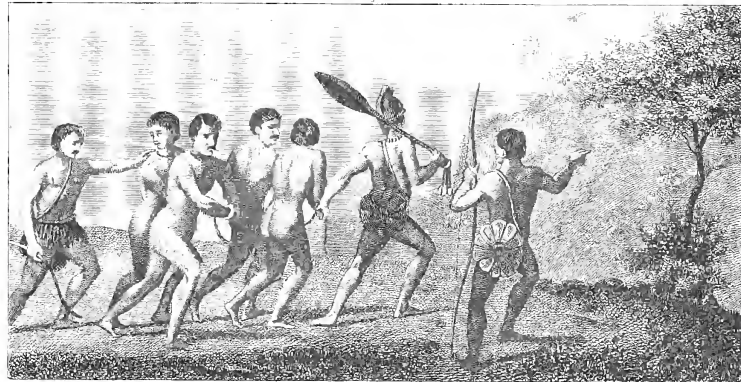


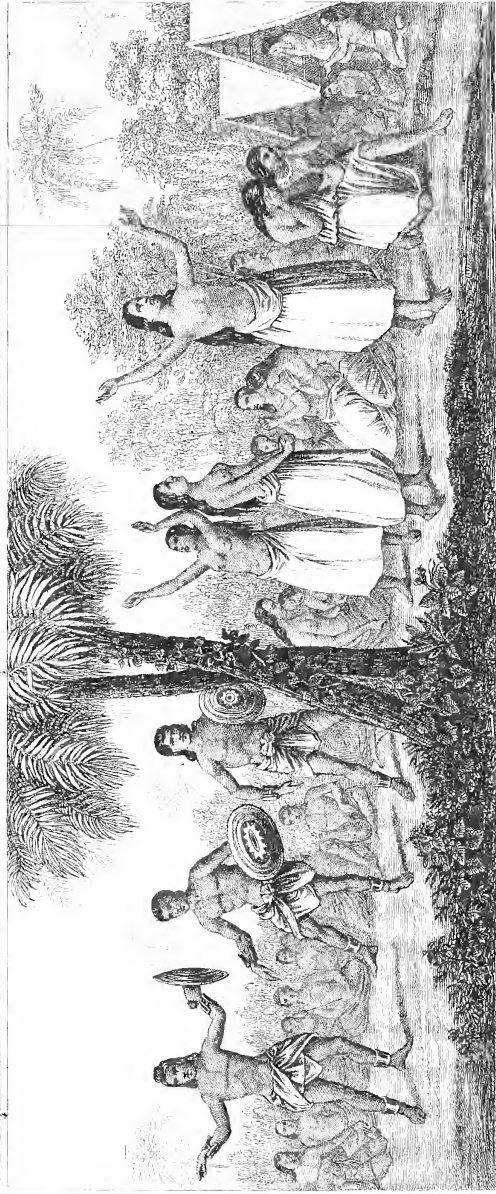
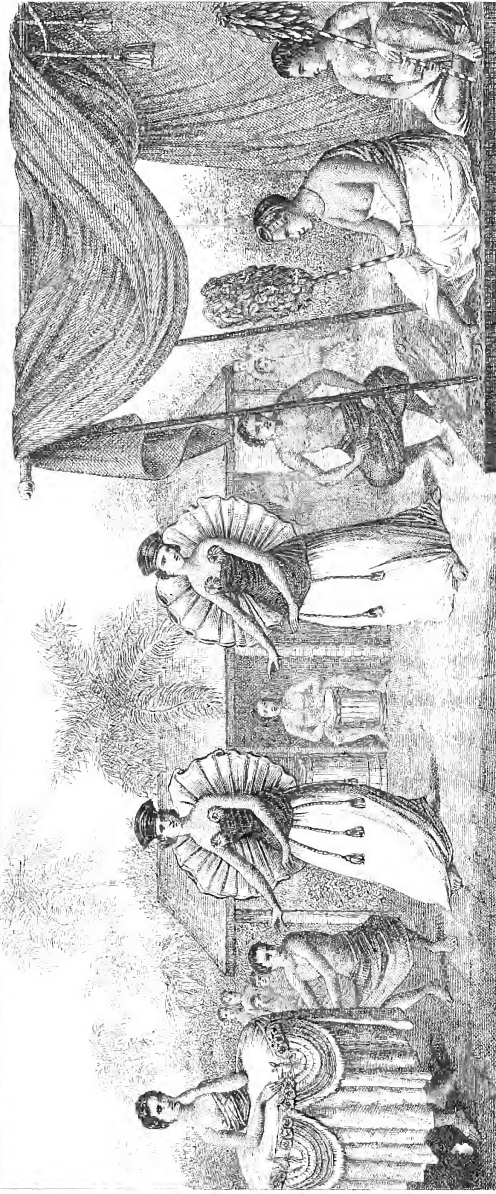
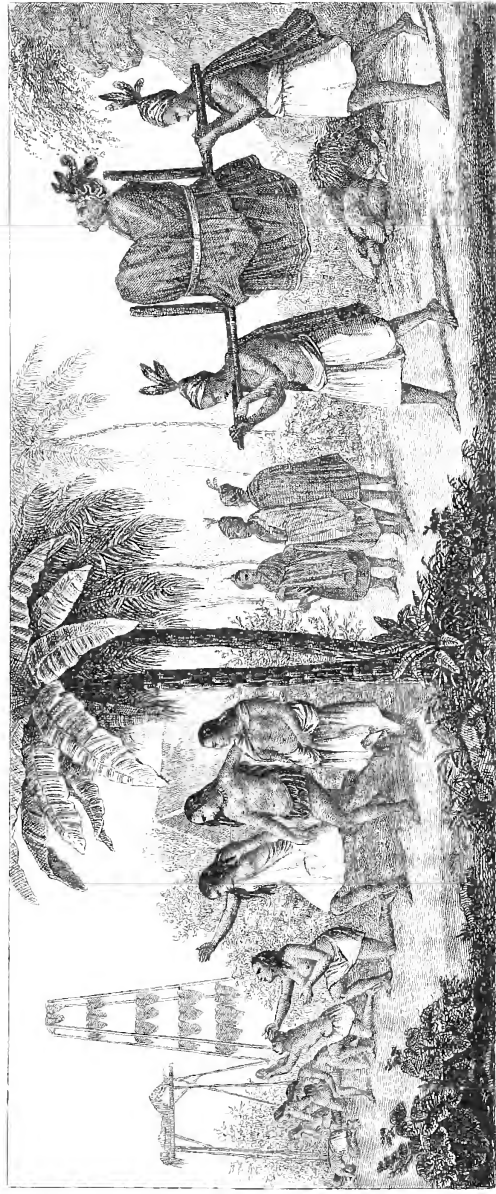


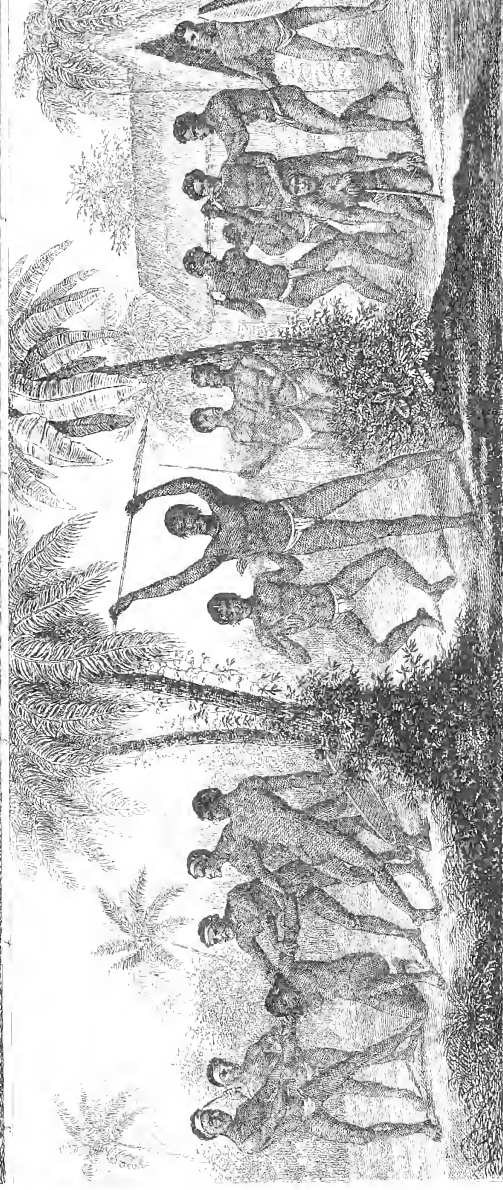
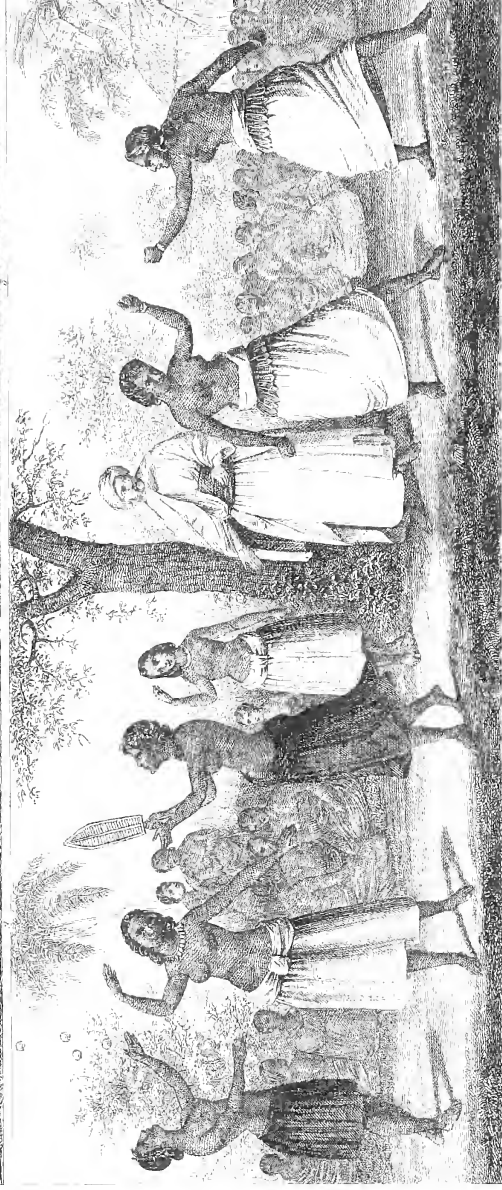
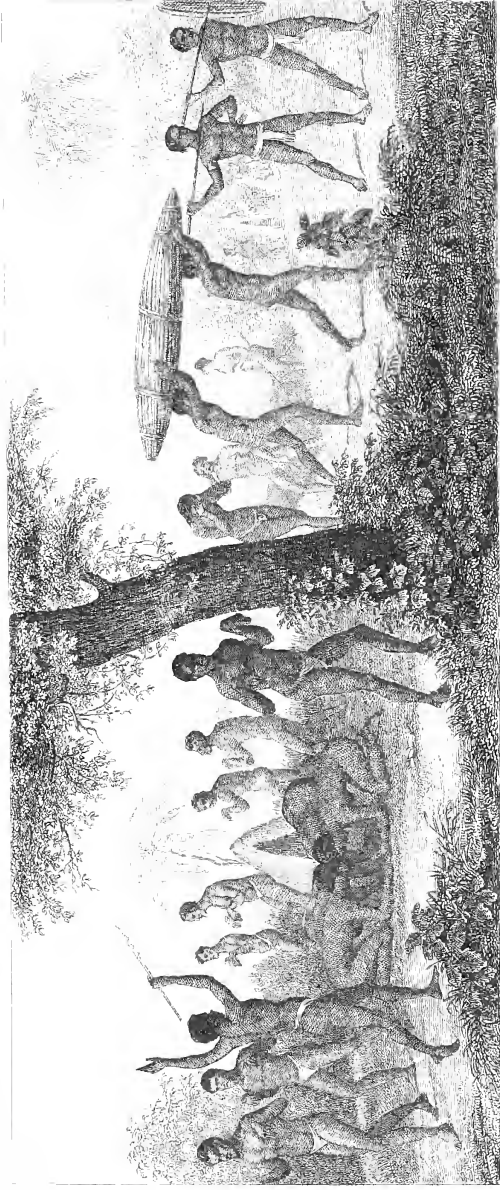


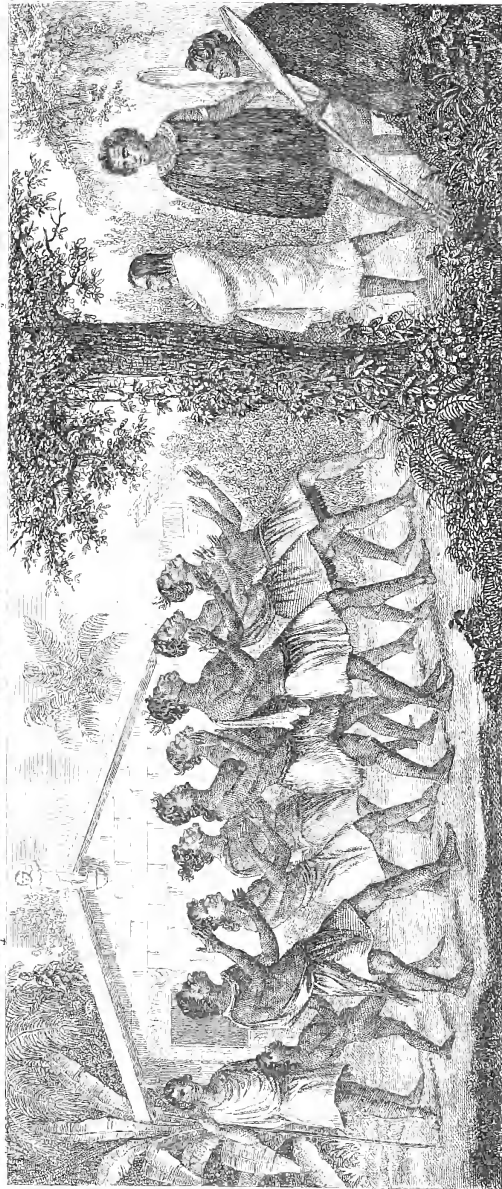
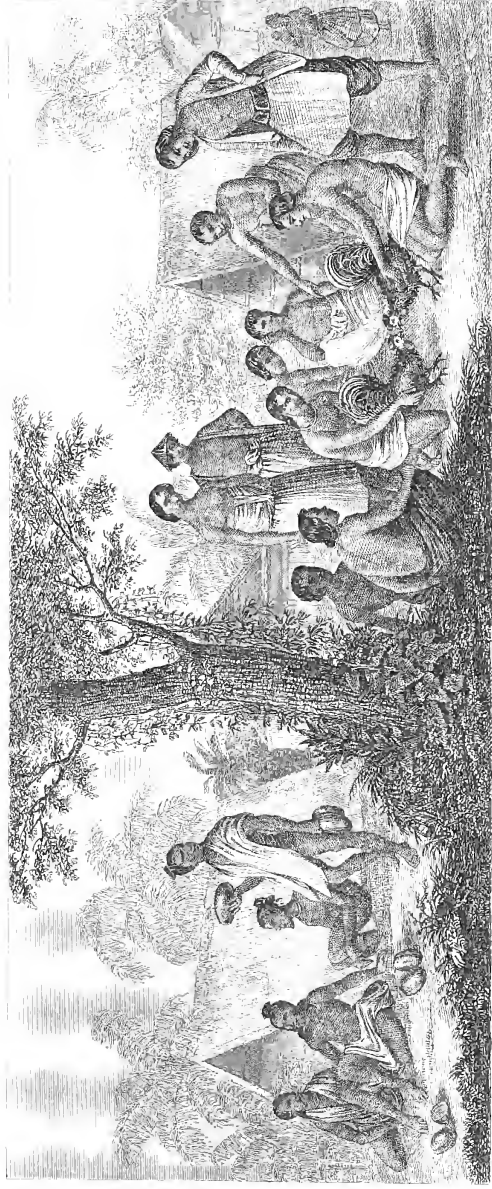


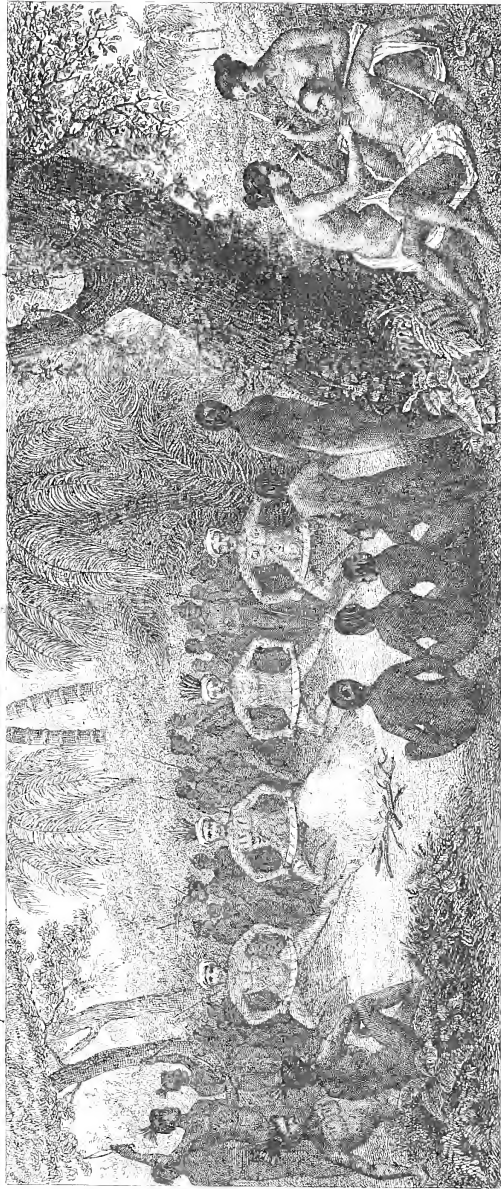
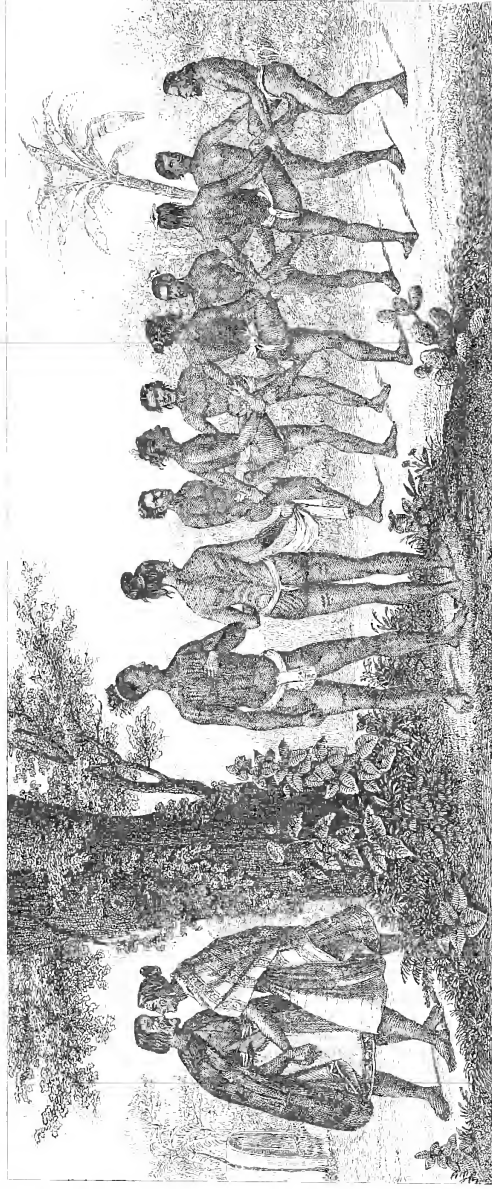




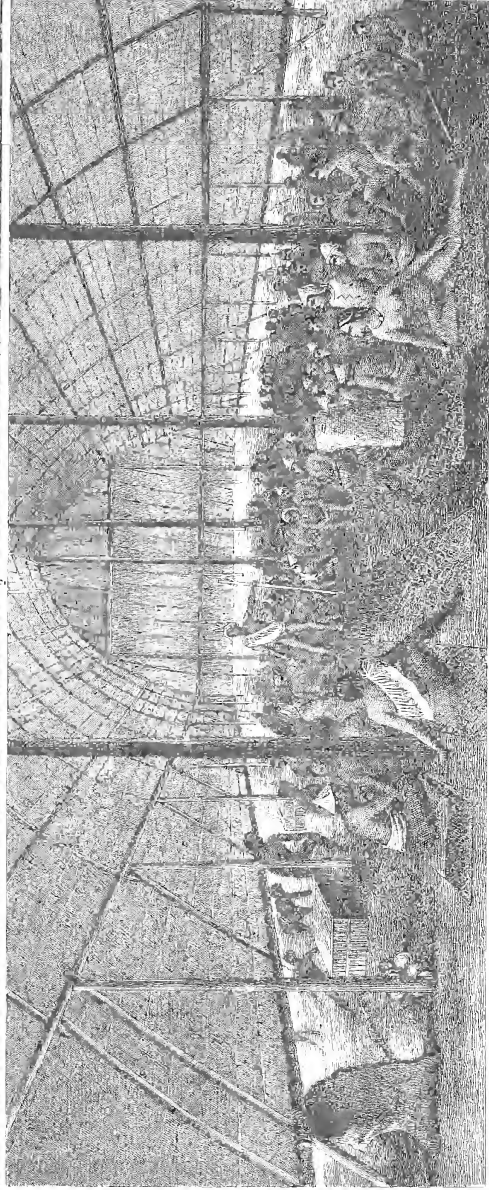
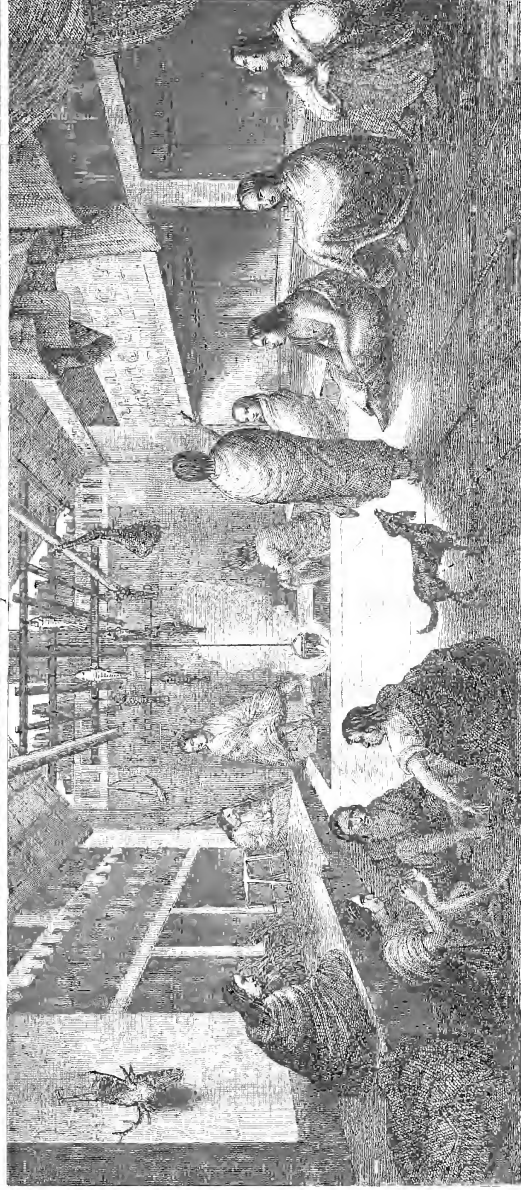
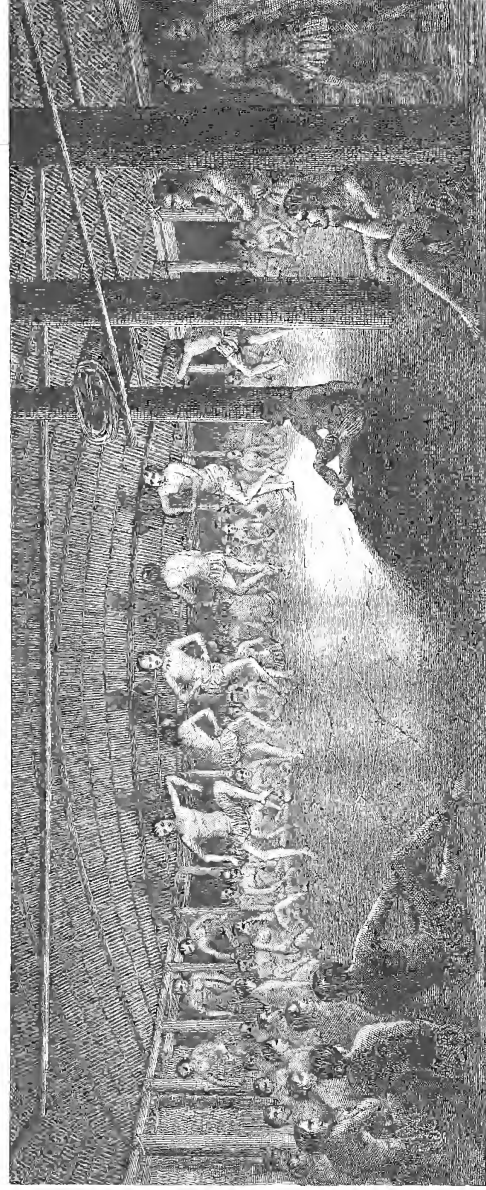














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